
DIRECTORY

of Francophone Training Institutions in Africa



U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT
Bureau for Africa • Office of the Sahel and West Africa

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Creative Associates, Inc., Washington, D.C., produced the Directory of Francophone Training Institutions in Africa.

The Directory was compiled by Jeffalyn Johnson & Associates, Inc., Falls Church, Virginia, under United States Contract No. AFR-0960-C-00-4046-00. Information was gathered through field visits to 120 Francophone African institutions.

A special thanks is due to the institutions visited and to the USAID Missions and Training Officers whose assistance and guidance were invaluable in compiling the information and publishing the Directory.

Creative Associates, Inc.
Washington, D.C., 1985

ABBREVIATIONS USED IN THE DIRECTORY

AAU	Association of African Universities
ACCT	Agence de Coopération Culturelle et Technique
AFAA	Association des Facultés d'Agronomie d'Afrique
AFGRAD	African Graduate Fellowship Program
AGCD	Administration Générale de la Coopération au Développement, Belgium
AUPLF	Association des Universités Partiellement ou Entièrement de Langue Française
CCCE	Caisse Centrale de Coopération Economique, France
CIDA	Canadian International Development Agency
CILSS	Permanent Inter-State Committee for Drought Control in the Sahel
CNOU	Centre National des Oeuvres Universitaires
CRDI	Centre de Recherche sur le Développement International, Canada
D	Dinar, currency of Tunisia
ECA	Economic Commission for Africa (United Nations)
ECOWAS	Economic Council of West African States
EDI	Economic Development Institute of World Bank
EEC	European Economic Community
FAC	Fonds d'Aide et de Coopération, France
F CFA	West African Franc
FAO	Food and Agriculture Organization of the United Nations
FED	Fonds Européen de Développement
GTZ	Gesellschaft für Technische Zusammenarbeit, FDR
ILO	International Labor Organization
INSAR	International Service for National Agricultural Research
OCAM	Organisation Commune Africaine et Mauricienne
OCCGE	Organisation de Coopération et de Coordination de la Lutte contre les Grandes Endémies
ORSTOM	Office de la Recherche Scientifique et Technique d'Outre-Mer
TOEFL	Teaching of English as a Foreign Language, U.S.A.
UAMBD	Union Africaine et Mauricienne des Banques de Développement
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNFPA	United Nations Fund for Population Activities
UNDP	United Nations Development Program
UNICEF	United Nations International Children's Education Fund
UNIDO	United Nations Industrial Development Organization
UNSO	United Nations Sahel-Sudano Office
USAID	United States Agency for International Development
USIS	United States Information Service
WHO	World Health Organization
WMO	World Meteorological Society
Z	Currency of Zaire

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INSTITUTIONAL PROFILES

Educational Levels (Chart)

Agriculture	A1 - A80
Health.	H1 - H68
Industry, Commerce, and Science	I1 - I31
Management.	M1 - M115
Public Works.	P1 - P70
Rural Development	R1 - R25
Miscellaneous	X1 - X32

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APPENDIX C	List of Interviewees	App. C1 - App. C14
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Introduction and Background



INTRODUCTION AND BACKGROUND

The Sahel Manpower Development Project II (625-0960) emphasizes the importance of increasing third country training and the need for a system to place and maintain participants in third country training institutions. It states that "the key to this system will be the identification of appropriate training institutions combined with strengthened linkages between USAID training offices and the institutions themselves."

There has been a scarcity of current and comprehensive information on African institutions. Much of the data is difficult to obtain and, if available, limited in detail. The lack of comprehensive information concerning training and educational institutions has restricted USAID's efforts to place larger numbers of trainees in third countries.

A second constraint to third country training is the additional time and effort required by already overburdened training officers to place and monitor trainees in third country institutions. In addition, there are no guidelines or established systems for managing third country training activities.

To alleviate this situation, the Office of Sahel and West Africa, U.S. Agency for International Development, contracted with Jeffalyn Johnson & Associates, Inc. to develop a Directory of Francophone Training Institutions in Africa. The Directory was completed by Creative Associates, Inc.

The purpose of the Directory is to: (1) provide Francophone Africa training officers with current and comprehensive descriptions of training and educational institutions which have the capacity and capability to receive and train Africans from other countries; (2) determine the general availability of third country training in Francophone Africa and its relative costs; and (3) assemble a bibliography of literature on Francophone Africa training.

The contractor also undertook to design a Training Officers Handbook outlining procedures for sending, receiving, and monitoring third country trainees.

STUDY METHODOLOGY

The research parameters for this study were established by a committee comprised of representatives from the Office of the Sahel and West Africa (AFR/SWA), the Office of Regional Affairs (AFR/RA), and the Education and Human Resources Division of the Africa Bureau (AFR/TR/EHR) in consultation with the AID Missions in Africa and the contractor study team. The parameters included the selection of target countries, the types and levels of training/education institutions to be visited, and specific fields of study.

The countries selected were Burkina Faso, Cameroon, Ivory Coast, Mali, Niger, Senegal, Togo, and Zaire. These countries met the criteria established by the AID/W Technical Committee. They are Francophone nations with sufficient numbers of institutions to warrant field visits. Their institutions have a history of receiving third country students. The USAID missions in the countries have had experience with third country training and concurred in a field visit by the contract team.

Morocco and Tunisia were also included since institutions in both countries receive large numbers of third country students from sub-Saharan Africa. The JJ&A study team interviewed government and USAID officials in Morocco and Tunisia to discuss the administrative and logistical procedures involved in receiving and monitoring third country students. The teams also reviewed the recent survey of academic training programs in those countries, conducted by AMIDEAST for the Bureau for Near East, USAID¹.

The teams visited academic and technical institutions, university undergraduate programs, and specialized research and training programs in the specified countries. All of the institutions presented in the Directory currently admit foreign students, offer training in the AID priority development sectors for the Sahel, and conduct short-term training and/or long-term degree programs.

During the planning phase of the study, the contractor used information available in directories and reports to develop a preliminary list of institutions for each of the target countries. Individual institutions were discussed with training and technical experts in AID/Washington and other donor agencies, including the United Nations Development Program, the Canadian International Development Agency, and the World Bank. Through this process, the list was refined before the field survey.

¹AMIDEAST, Survey of Academic Training Programs in the Middle East and North Africa. Washington, D.C. 1985.

Also during the planning phase, the team developed a series of field interview questionnaires (see Appendix A). In each of the target countries, interviews were conducted with USAID training officers and project personnel, other donors involved in third country training, former AID-sponsored third country trainees, and officials at each institution. A complete list of interviewees is presented in Appendix C. The interviews were designed to elicit information on specific institutions and the programs offered as well as concerns and recommendations pertaining to the management of third country training activities.

During the visits to institutions, the study teams conducted interviews, collected school catalogs and documentation and toured the facilities. This information has been incorporated into the institutional profiles appearing in the Directory. The school officials interviewed were asked to provide data for the 1983-84 academic year. Whenever possible, the interview data were cross-referenced with available documentation to double-check for accuracy and to fill in gaps. In the event of a discrepancy, the documented information was used. When 1983-84 data were unavailable, the most recent data appear in the institutional profile.

The institutional profiles present objective information. The teams did not attempt to make qualitative assessments or technical judgments about the institutions.

USING THE DIRECTORY

Institutional Profiles

The format used for the institutional profiles is designed to present the maximum amount of information in the most concise manner. In order to benefit fully from the information presented, the user should carefully review the annotated format that follows before employing the Directory. The annotated format details the type of information that can be found under each category heading and highlights special conditions and areas of concern pertaining to the institution. The user should note that when statistics or information was not made available by school officials, that category heading does not appear in the institution's profile.

The information that is presented is objective; the data are based on interviews with officials in the institutions and on information found in the institutions' publications.

In summary, the annotated format of the institutional profile includes:

1. A description of the information to be found under each category heading
2. Special conditions and areas of concern to the institution
3. Guidance in developing qualitative indicators.

Annotated Format

(Sector, School, Country)

Provides quick access to schools in the target training sector. School name is abbreviated. Users seeking specific schools should employ the index.

NAME OF INSTITUTION: Full name of institution/school. When the school listed is a faculty or an autonomous section of a larger institution, such as a university, the parent institution is listed as well.

MAILING ADDRESS: (principal campus)
Postal Box
City, Country

TELEPHONE NUMBER(S):

CABLE OR TELEX:

SUPERVISORY AUTHORITY: The government ministry or office, international organization, foundation, or private enterprise that sets institutional policy and/or governs operations in that country. Supervisory authority indicates whether the school is private or public, national, regional, or international.

FUNDING SOURCE: The major sources of financial support, including assistance from donor agencies. Funding is defined as operational expenses; scholarships; institutional development; curriculum development; books, materials, and equipment; and infrastructural improvement.

TRAINING PROGRAM: (Long-Term)

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
The fields or majors in which degrees are offered by the institution (e.g., Chemistry, Economics, Agronomy, Midwifery)	The degree or certificate awarded and/or the corresponding level (e.g., <u>Doctorat</u> <u>3ème Cycle</u>)	The degree, educational level, years of experience, and/or examinations required for admission. Indicates if preparatory studies are required of students. (Note: Entrance requirements are for first-year students. To find out if students are admitted directly into subsequent years of the program, contact the institution.)	The duration of the program, including course work and practicum.

TRAINING PROGRAM: (Short-Term)

COURSES	LENGTH	NO. OF SESSIONS PER YEAR	DATES
Titles of short-term courses offered by the institution	Duration of the courses by weeks or months	The number of times each course is offered during the year	Beginning and/or closing dates for each course

COURSE DESCRIPTION: A brief description of the course work and practicums required for the specific programs. This section gives the user an idea of the breadth or focus of the program. The user can make somewhat of a qualitative appraisal of the program by noting the relevance of the course work to the field of study.

LANGUAGE: Indicates the language(s) of instruction. Institutions in Cameroon are shown as providing instruction in both French and English. Cameroon employs a system of bilingualism, that is, both languages are understood but only one may be spoken. Sponsors considering sending a student to Cameroon should either contact the institution to determine the specific language of instruction or ensure that the trainee understands English.

ACADEMIC YEAR: Beginning and ending dates of course work. Practicums and internships often occur during school holidays.

ADMISSION PROCEDURES: Identifies the individual or office where applications should be sent, the institution's application deadline, whether approval by candidate's government or host government is required, the office that reviews applications and selects candidates, and, when available, the dates and locations of entrance examinations. Although noted only when specified by the institution, users should be aware that a birth certificate, police record, copies of academic degrees, military record, four photographs, visa, and concurrence of home government are usually required for foreign applicants.

FINANCIAL REQUIREMENTS: The costs provided were estimated by officials of the institution. Unless specified, the cost estimates are for host country nationals; foreign student costs may differ. In some instances, interviewees were not able to provide complete or accurate financial requirements, (particularly with respect to tuition because of government scholarships). When international organization or government scholarship amounts were provided, they have been included. Users should contact the institutions for exact financial requirements.

Figures for the cost of living in a given city are the school's estimate of the costs that would be incurred by one of its students living off-campus. Consequently, the estimates may vary within the same city depending on the school's location and the level and/or age of the students. For example, a professional seeking a graduate degree requires a higher standard of living than a first-year student in a vocational training program.

INSTITUTIONAL

PROFILE: LOCATION: Indicates whether the school is in an urban, suburban, or rural setting and gives school's location in relation to the national capital or another major city.

STUDENT ENROLLMENT BY LEVEL OF STUDY, 1984: Presents most recent enrollment statistics available by level of study or by field of study. Data are presented by sex for nationals and foreign student populations. (Note: In regional and international schools, all students are considered foreign and only total enrollments are shown.)

FULL-TIME FACULTY BY DIPLOMA/DEGREE: Shows the number of full-time faculty members by degree or title. Data are presented by sex for national and foreign faculty members. (Note: This chart may be used to arrive at a basic student-faculty ratio.)

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Total						

PART-TIME FACULTY BY DIPLOMA/DEGREE: Shows the number of part-time faculty members by degree or title. Data are presented by sex for national and foreign faculty members. (Note: Comparison with the number of full-time faculty will provide an indication of the school's reliance on part-time personnel. Due to the large number of part-time faculty employed by the target institutions, student-faculty ratios were not calculated.)

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Total						

FACILITIES AND SERVICES: The description of classrooms, laboratories, and library facilities indicates the school's academic infrastructure. Housing, transportation, health care, food service, counseling, and bookstore (see p. 12) describe student support services. This section can provide quality indicators when compared to the number of students. The user may also review the numbers and types of laboratories in view of the type and level of training offered.

The description of housing facilities is shown only when housing is provided by the school (either on- or off-campus); otherwise off-campus accommodations must be found. In the latter case, the user should be aware of the extent of support services available to the student in the country in question.

Classrooms	Number of classrooms with number of places
Laboratories	Number and types of laboratories and/or workshops; types of materials and equipment
Library	Number of libraries, number of volumes, periodicals, research papers, etc.
Housing	Availability on-campus or off-campus, if organized by school, and number of rooms or beds
Transportation	Whether free or reduced fare transportation is provided between the campus and city or town center
Health Care	The extent of health care available on-campus
Food Service	Availability of student restaurant or cafeteria facility on-campus
Foreign Student Counselor	Availability and title and location of the service
Bookstore	Whether students purchase books on campus

OTHER SERVICES: In general, support services are not available to students' families. When these services are described as available to families, it should be noted that they are limited to those areas defined as student support services. This section also describes the cultural, sport, and entertainment facilities of the institution.

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS: Lists institutions, organizations, and associations which cooperate by way of faculty, student, and informational and resource exchanges and the organizational memberships of the school.

ADDITIONAL INFORMATION: Indicates availability of a brochure and directs the user to the specific office or individual to contact for additional information.

GENERAL INFORMATION: Indicates institutional changes planned for the immediate future and/or previous names or affiliations of the school.

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The Indices

The indices of institutions provide the Directory user (the user) with a list of schools offering specialized training at selected levels. Each major development sector has an index. Development subsectors appear along the vertical axis on the left side of the index, and the levels and duration of training appear across the top on the horizontal axis. The cells contain four digit school codes corresponding to the list of schools alphabetized by sector in the Table of Institutions (page 28).

Moving from left to right, the first digit of the code represents the type of institution in question:

- 0 - Technical school
- 1 - University or academic institution
- 2 - Institution offering short courses

The second digit denotes the sector of training:

- 0 - Agriculture
- 1 - Energy/Environment*
- 2 - Health
- 3 - Industry, Commerce, and Science
- 4 - Management
- 5 - Public Works
- 6 - Rural Development

The third digit denotes the country:

- 0 - Burkina Faso
- 1 - Cameroon
- 2 - Ivory Coast
- 3 - Mali
- 4 - Niger
- 5 - Senegal
- 6 - Togo
- 7 - Tunisia
- 8 - Zaire

The fourth digit is school specific.

* At this time, the Directory does not include any institutions in the Energy/Environment Sector. It has been included to allow for additions to the Directory.

Example: Should the user wish to place a student in an Ingénieur de Conception program in Agricultural Economics, the user would:

- 1) Turn to the Agriculture Index
- 2) Locate Agricultural Economics on the vertical axis
- 3) Locate Ingénieur de Conception on the horizontal axis
- 4) Make note of school code(s) in that cell
- 5) Check the Table of Institutions to identify the name(s) and location(s) of the institution(s) and corresponding page number(s).

In this manner the user can develop a short list of relevant institutions for review.

A list of the development sectors and their subsectors follows for ease of reference:

Agriculture

Aerial Photography
Agriculture/Agronomy
Agricultural and Rural Economics
Animal Husbandry/Production
Biology
Fish Production
Forestry
Hydrology
Mechanization
Meteorology
Rural Engineering
Vegetable/Crop Protection
Veterinary Science
Water and Forestry

Health

Biology
Dentistry
Entomology
Health Management/Personnel
Leprosy
Medicine
Midwifery
Nursing/Nursing Management
Nutrition/Food Technology
Ophthalmology
Pharmacology
Public Health
Surgery

Industry, Commerce, and Science

Air Conditioning
Biology
Biochemistry
Chemistry
Commercial and Administrative Skills
Electronics
Food Processing
Industrial/Auto Mechanics
Industrial Chemistry
Industry
Maintenance
Mathematics
Mechanical Engineering
Natural Sciences
Photography
Physics/Physical Science

Management

Accounting
Business Administration
Business Management
Commerce
Computer Science/Data Processing
Demography
Economics
Finance
Librarian/Archivist
Marketing
Media
Planning
Project Evaluation
Project Management
Secretarial Administration
Statistics

Public Works

Architecture
Civil Engineering
Construction
Electricity
Geology
Hydraulics
Heavy Equipment
Mechanical Engineering
Public Works Management
Rural Engineering
Surveying/Topography
Urban Planning

Rural Development

Cooperatives
Community Organization
Extension
Environment
Literacy
Training-of-Trainers
Women and Development

AGRICULTURE

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE/LEVEL</u>	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maitrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
SUBSECTOR										
Aerial Photography										2001
Agriculture/ Agronomy	0642			0031 0024	1001	0031, 1041, 0025, 0024	1041, 0053, 1001, 0024			
Agricultural and Rural Economics							0023, 0053, 0061, 0012	1421		
Animal Husbandry/ Production			0042, 0023	0031		0031, 0025	0053, 0012			2001
Biology				1001						
Fish Production				0021			0053			
Forestry			0023	0022						
Hydrology				0041						0501

AGRICULTURE (Continued)

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE/LEVEL</u>	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maîtrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
SUBSECTOR										
Mechanization							0061			
Meteorology				0041						
Rural Engineering				0031, 0642			0053,			
Vegetable/Crop Protection	2011						0061, 1321, 0012			2011
Veterinary Science									0052	2001
Water and Forestry	0051			0031, 0642		0031, 0025	0053, 0012			

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HEALTH

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE / LEVEL</u>	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maitrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
<u>SUBSECTOR</u>										
Biology				1261				1241		
Dentistry										
Entomology										
Health Management/ Personnel			0251							
Leprosy									1232	
Medicine								1231, 1241, 1252		
Midwifery			0222, 0211, 0252							
Nursing/ Nursing Management			0222							2201

HEALTH (Continued)

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE / LEVEL</u> SUBSECTOR	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/ Licence	Ingénieur Application/ Maîtrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/ Research	Short Course
Nutrition/ Food Technology				1261	0271					
Ophthalmology					1233				1233	
Pharmacology								1231, 1222		
Public Health								1241		2261
Surgery								1241		

INDUSTRY, COMMERCE, AND SCIENCE

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE/LEVEL</u> SUBSECTOR	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maitrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
Air Conditioning						0321				
Biology				1231						
Biochemistry				0322		0321				
Chemistry				1302		1321				
Commercial and Administrative Skills			0331	1321						
Electronics				0322		0321, 1321				
Food Processing						0321				
Industrial/ Auto Mechanics						0321				

INDUSTRY, COMMERCE, AND SCIENCE (Continued)

DEGREE/LEVEL SUBSECTOR	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years	Doctoral	Post-Doctoral/Research	Short Course
	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maîtrise	Ingénieur Conception DEA/DES			
Industrial Chemistry				0322, 0552		0321				
Industry			0331							
Maintenance				0322						
Mathematics				1321, 1302	1321, 1302	1321, 1302	1321			
Mechanical Engineering				0322						
Natural Sciences					1321	1321	1321			
Photography										2381
Physics/Physical Science				1321, 1302	1321	1321	1321			

MANAGEMENT

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE/LEVEL</u>	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maîtrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
SUBSECTOR										
Accounting	1413			0423, 0434, 0425	0481	1413				
Business Administration (Staff)							0422			2481
Business Mgmt. (Hospital, Bank, General, Commercial)			0423	0423, 0434, 1401, 0425	0424	0461	1411, 2452, 1422			2431, 2422, 2483, 2421, 2452, 2482
Commerce				1401			1422			
Computer Science/Data Processing				0552						2431
Demography							1412			
Economics	1413				1413	0461, 1422		1421		
Finance				0423			1422			

MANAGEMENT (Continued)

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE / LEVEL</u>	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maîtrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
SUBSECTOR										
Librarian/Archivist				0452						
Marketing							1411			
Media					0411, 0451					
Planning	1413				1413, 0453	0601	0454, 0601			
Project Evaluation										2482
Project Management										2431
Statistics	0453, 0421				0453, 0421					
Secretarial Administration				0434, 0481, 1401						

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PUBLIC WORKS

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE/LEVEL</u> SUBSECTOR	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maîtrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
Architecture					0581		0562			
Civil Engineering	0512, 0561		0512	0512, 0551, 0521	0512, 0522	0531	0552, 0501			0501
Construction				0524, 0521	0583, 0511, 0522		0522, 0511			
Electricity Electronics Electromechanics Electrical Eng.				0551	0511		0531, 0511			
Geology						0531				
Hydraulics				0521, 0524	0583, 0522		0522			0501
Heavy Equipment	0561									
Mechanical Engineering				0551			0552, 0523			

PUBLIC WORKS (Continued)

<u>DEGREE/LEVEL</u> SUBSECTOR	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years	Doctoral	Post-Doctoral/Research	Short Course
	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maitrise	Ingénieur Conception DEA/DES			
Public Works Management					0583					
Rural Engineering	0512		0512	0512						
Surveying/Topography	0512		0512	0512, 0521 0524, 0582		0562, 0531				
Urban Planning	0512		0512	0521, 0512, 0524			0562			

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RURAL DEVELOPMENT

	Secondary School	Secondary School Graduation		2 Years	3 Years	4 Years	5 Years			
<u>DEGREE/LEVEL</u>	Agents Techniques (or lower)	Baccalauréats Techniques	Brevet Technicien	Technicien Supérieur DUT/DIT DEUG	Ingénieur Travaux/Licence	Ingénieur Application/Maîtrise	Ingénieur Conception DEA/DES	Doctoral	Post-Doctoral/Research	Short Course
Community Organization	0453									2601, 0601
Cooperatives	0453			0642			0453			2601, 2611
Environment										2611, 0601
Extension										2601, 2483
Literacy		0641								
Training-of-Trainers										2611, 2481, 2261
Women and Development										2601

FIGURE 1: COMMUNICATION CHANNELS

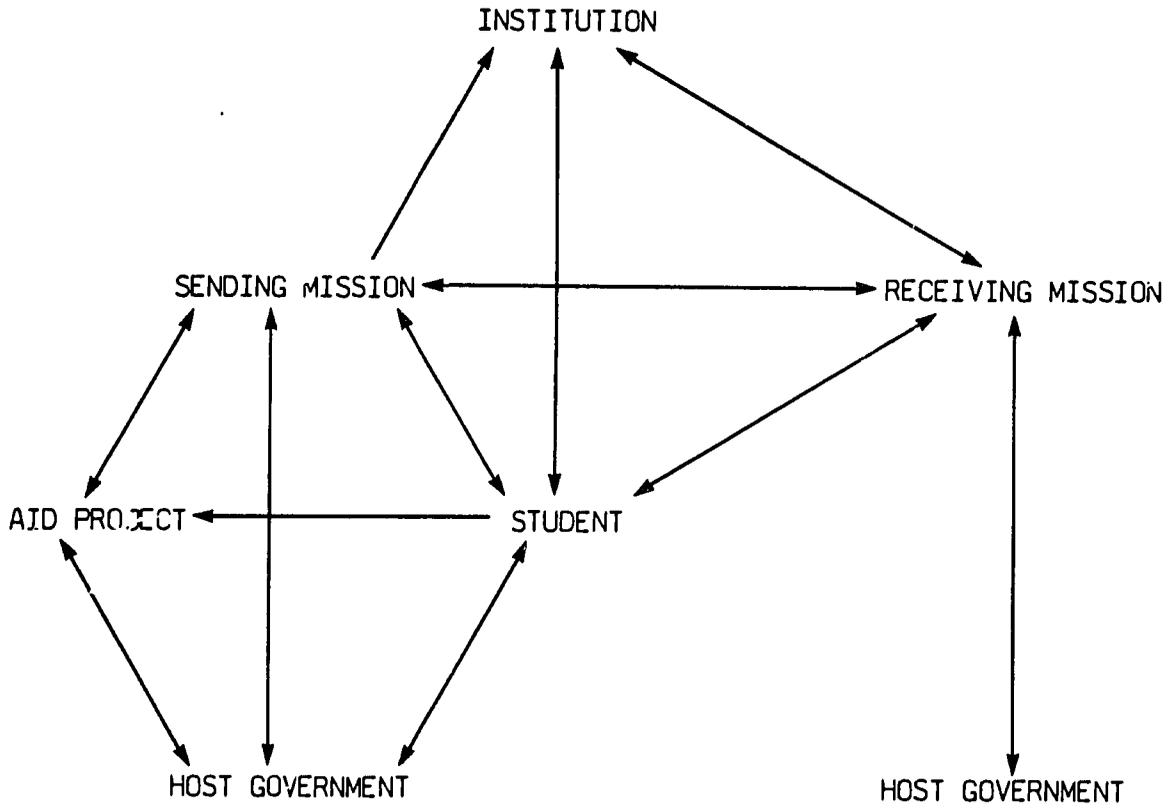


TABLE OF INSTITUTIONS BY SECTOR

Agriculture

Code	School Name	Initials	Page
0012	Ecole Nationale Supérieure Agronomique, Centre Universitaire de Dschang (Cameroon)	(ENSA)	A1
0021	Centre de Formation Piscicole de Bouaké (Ivory Coast)	(CFPB)	A5
0022	Ecole Forestière du Banco (Ivory Coast)	(EFBANCO)	A9
0023	Ecole Forestière de Bouaké (Ivory Coast)	(EFBOUAK)	A13
0024	Ecole Nationale Supérieure Agronomique d'Abidjan (Ivory Coast)	(ENSAA)	A17
0025	Institut Agricole de Bouaké (Ivory Coast)	(IAB)	A21
0031	Institut Polytechnique Rural de Katibougou (Mali)	(IPR)	A25
0041	Centre Régional de Formation et d'Applica- tion en Agrométéorologie et Hydrologie (Niger)	(AGRHYMET)	A31
0042	Ecole des Cadres de l'Elevage (Niger)	(ECE)	A37
0051	Ecole des Agents des Eaux et Forêts (Senegal)	(EAEF)	A41
0052	Ecole Inter-Etats des Sciences et Médecine Vétérinaires de Dakar (Senegal)	(EISMV)	A45
0053	Institut National du Développement Rural (Senegal)	(INDR)	A51
0061	Ecole Supérieure d'Agronomie, Université du Bénin (Togo)	(ESA)	A55
1001	Institut Supérieur Polytechnique, Université de Ouagadougou (Burkina Faso)	(ISP)	A59
1041	Faculté d'Agronomie, Université de Niamey (Niger)	(UNA)	A63
2001	Centre Régional de Télédétection de Ouagadougou (Burkina Faso)	(CRTO)	A69

2011	Centre Régional de Formation Phytosanitaire de Yaoundé (Cameroon)	(CREFPHY)	A73
2061	Centre de Recherche et d'Elevage d'Avetonou (Togo)	(CREAT)	A77

Health

Code	School Name	Initials	Page
0211	Centre d'Enseignement Supérieur en Soins Infirmiers, Université de Yaoundé (Cameroon)	(CESSI)	H1
0221	Centre Universitaire de Formation en Entomologie Médicale et Vétérinaire (Ivory Coast)	(CEMV)	H5
0222	Ecole Nationale d'Infirmiers et Sages-Femmes (Ivory Coast)	(ENISF)	H9
0251	Centre d'Enseignement Supérieur en Soins Infirmiers (Senegal)	(CESSI)	H13
0252	Ecole de Sages-Femmes d'Etat (Senegal)	(ESFE)	H17
0271	Institut National de Nutrition et de Technologie Alimentaire (Tunisia)	(INNTA)	H21
1202	Ecole Supérieure des Sciences de la Santé (Burkina Faso)	(ESSSA)	H27
1222	Ecole de Pharmacie, Université Nationale de Côte d'Ivoire (Ivory Coast)	(UAP)	H31
1231	Ecole Nationale de Médecine et de Pharmacie du Mali (Mali)	(ENMPM)	H35
1232	Institut Marchoux (Mali)	(MARCHOUX)	H39
1233	Institut d'Ophtalmologie Tropicale de l'Afrique (Mali)	(IOTA)	H43
1241	Faculté des Sciences de la Santé, Université de Niamey (Niger)	(UNH)	H47
1261	Institut Universitaire de Technologie de Santé et des Sciences Biologiques (Togo)	(IUT)	H53
2201	Centre Muraz (Burkina Faso)	(MURAZ)	H57
2261	Centre de Formation et de Perfectionnement du Personnel des Services de Santé (Togo)	(CFPPSS)	H63

Industry, Commerce, and Science

Code	School Name	Initials	Page
0321	Ecole Nationale d'Ingénieurs de Spécialités (Ivory Coast)	(ENIS)	I1
0322	Institut de Technologie Industrielle (Ivory Coast)	(ITI)	I7
0331	Ecole Centrale pour l'Industrie, le Commerce et l'Administration (Mali)	(ECICA)	I13
1302	Institut de Mathématiques et de Sciences Physiques (Burkina Faso)	(IMP)	I17
1321	Faculté des Sciences, Université Nationale de Côte d'Ivoire (Ivory Coast)	(UAS)	I21
2381	Institut National de Préparation Professionnelle (Zaire)	(INPP)	I29

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Code	School Name	Initials	Page
0411	Ecole Supérieure des Sciences et Techniques de l'Information (Cameroon)	(ESSTI)	M1
0421	Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (Ivory Coast)	(ENSEA)	M7
0422	Ecole Supérieure de Commerce d'Abidjan (Ivory Coast)	(ESCA)	M13
0423	Institut Supérieur de Comptabilité (Ivory Coast)	(ISC)	M17
0424	Institut Supérieur d'Informatique (Ivory Coast)	(ISI)	M23
0425	Institut de Technologie Tertiaire (Ivory Coast)	(ITT)	M27
0434	Ecole des Hautes Etudes Pratiques (Mali)	(EHEP)	M31
0451	Centre d'Etudes des Sciences et Techniques de l'Information (Senegal)	(CESTI)	M35
0452	Ecole des Bibliothécaires, Archivistes et Documentalistes, Université de Dakar (Senegal)	(EBAD)	M39
0453	Ecole Nationale d'Economie Appliquée (Senegal)	(ENEA)	M43
0454	Institut Africain de Développement Economique et de Planification des Nations Unies (Senegal)	(IDEP)	M49
0461	Ecole Supérieure des Techniques Economiques de Gestion et de Commerce (Togo)	(ESTEG)	M53
0481	Institut Supérieur de Commerce (Zaire)	(ISC)	M57
1401	Institut Universitaire de Technologie Université de Ouagadougou (Burkina Faso)	(IUT)	M61
1411	Ecole Supérieure des Sciences Economiques et Commerciales, Centre Universitaire de Douala (Cameroon)	(ESSEC)	M65
1412	Institut de Formation et de Recherches Démographiques (Cameroon)	(IFORD)	M69

Management

Code	School Name	Initials	Page
1413	Institut de Statistique, de Planification et d'Economie Appliquée (Cameroon)	(ISPEA)	M73
1421	Centre Ivoirien de Recherche Economique et Sociale, Université Nationale de Côte d'Ivoire (Ivory Coast)	(CIRES)	M79
1422	Faculté des Sciences Economiques Université Nationale de Côte d'Ivoire (Ivory Coast)	(UAE)	M83
2421	Centre Africain et Mauricien de Perfectionnement des Cadres (Ivory Coast)	(CAMPC)	M89
2422	Centre Ivoirien de Gestion des Entreprises (Ivory Coast)	(CIGE)	M93
2431	Institut de Productivité et de Gestion Prévisionnelle (Mali)	(IPGP)	M97
2452	Ecole Supérieure de Gestion des Entreprises (Senegal)	(ESGE)	M101
2481	Centre National de Coordination de la Formation au Développement (Zaire)	(CENACOF)	M105
2482	Centre de Perfectionnement aux Techniques de Développement (Zaire)	(CEPETEDE)	M109
2483	Centre de Perfectionnement en Administration (Zaire)	(CPA)	M13

Public Works

Code	School Name	Initials	Page
0501	Ecole Inter-Etats d'Ingénieurs de l'Equipement Rural (Burkina Faso)	(EIER)	P1
0511	Ecole Nationale Supérieure Polytechnique de Yaoundé, Université de Yaoundé (Cameroon)	(ENSPY)	P7
0512	Ecole Nationale Supérieure des Travaux Publics (Cameroon)	(ENSTP)	P11
0521	Ecole Nationale d'Ingénieurs des Techniques (Ivory Coast)	(ENIT)	P15
0522	Ecole Nationale Supérieure d'Ingénieurs (Ivory Coast)	(ENSI)	P21
0523	Ecole Nationale Supérieure d'Ingénieurs d'Abidjan (Ivory Coast)	(ENSIA)	P27
0524	Ecole Nationale de Techniciens Supérieurs (Ivory Coast)	(ENTS)	P31
0531	Ecole Nationale d'Ingénieurs (Mali)	(ENI)	P37
0551	Ecole Nationale Supérieure Universitaire de Technologie, Université de Dakar (Senegal)	(ENSUT)	P43
0552	Ecole Polytechnique de Thiès (Senegal)	(EPT)	P47
0561	Centre Régional de Formation pour Entretien Routier (Togo)	(CERFER)	P51
0562	Ecole Africaine et Mauricienne d'Architecture et d'Urbanisme (Togo)	(EAMAU)	P55
0581	Institut du Bâtiment et des Travaux Publics Section d'Architecture (Zaire)	(IBTP)	P59
0582	Institut du Bâtiment et des Travaux Publics Section Géomètres-Topographes (Zaire)	(IBTP)	P63
0583	Institut du Bâtiment et des Travaux Publics Section Travaux Publics (Zaire)	(IBTP)	P67

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Code	School Name	Initials	Page
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0642	Institut Pratique de Développement Rural (Niger)	(IPDR)	R21
2601	Centre d'Etudes Economiques et Sociales de l'Afrique de l'Ouest (Burkina Faso)	(CESAO)	R1
2602	Institut Panafricain pour le Développement, Région Afrique de l'Ouest Sahel (Burkina Faso)	(IPD/AOS)	R7
2611	Institut Panafricain pour le Développement (Cameroon)	(IPD)	R11

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CENTRE INTER-AFRICAIN D'ETUDES EN RADIO RURALE DE OUAGADOUGOU (CIERRO)	X13
CENTRE REGIONAL DE TELEDETECTION DE OUAGADOUGOU (CRTO)	A69
CENTRE MURAZ	H57
ECOLE INTER-ETATS D'INGENIEURS DE L'EQUIPEMENT RURAL (EIER)	P1
ECOLE SUPERIEURE DES SCIENCES DE LA SANTE (ESSSA)	H27
INSTITUT AFRICAIN D'EDUCATION CINEMATOGRAPHIQUE (INAFEC) Université de Ouagadougou	X29
INSTITUT DE MATHEMATIQUES ET DE SCIENCES PHYSIQUES (IMP) Université de Ouagadougou	I17
INSTITUT PANAFRICAIN POUR LE DEVELOPPEMENT, REGION AFRIQUE DE L'OUEST SAHEL (IPD/AOS)	R7
INSTITUT SUPERIEUR POLYTECHNIQUE (ISP) Université de Ouagadougou	A59
INSTITUT UNIVERSITAIRE DE TECHNOLOGIE (IUT) Université de Ouagadougou	M61
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ECOLE SUPERIEURE DES SCIENCES ECONOMIQUES ET COMMERCIALES (ESSEC) Centre Universitaire de Douala	M65
ECOLE SUPERIEURE DES SCIENCES ET TECHNIQUES DE L'INFORMATION (ESSTI) Université de Yaoundé	M1
INSTITUT DE FORMATION ET DE RECHERCHES DEMOGRAPHIQUES (IFORD)	M69
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CENTRE DE FORMATION PISCICOLE DE BOUAKE (CFPB)	A5
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ÉCOLE FORESTIERE DU BANCO (EFBANCO)	A9
ÉCOLE NATIONALE D'INFIRMIERS ET SAGES-FEMMES (ENISF)	H9
ÉCOLE NATIONALE D'INGENIEURS DE SPECIALITES (ENIS) Institut National Supérieur de l'Enseignement Technique (INSET)	I1
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ÉCOLE NATIONALE SUPERIEURE DE STATISTIQUE ET D'ECONOMIE APPLIQUEE (ENSEA)	M7
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ÉCOLE NATIONALE SUPERIEURE D'INGENIEURS D'ABIDJAN (ENSIA) Institut National Supérieur de l'Enseignement Technique (INSET)	P27
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ECOLE SUPERIEURE DE COMMERCE D'ABIDJAN (ESCA)	
Institut National Supérieur de l'Enseignement Technique (INSET)	M13
FACULTE DES SCIENCES ECONOMIQUES	
Université Nationale de Côte d'Ivoire	M83
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INSTITUT DE TECHNOLOGIE INDUSTRIELLE (ITI)	
Institut National Supérieur de l'Enseignement Technique (INSET)	I7
INSTITUT DE TECHNOLOGIE TERTIAIRE (ITT)	
Institut National Supérieur de l'Enseignement Technique (INSET)	M27
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ECOLE NATIONALE D'ECONOMIE APPLIQUEE (ENEA)	M43
ECOLE NATIONALE SUPERIEURE UNIVERSITAIRE DE TECHNOLOGIE (ENSUT) Université de Dakar	P
ECOLE NORMALE D'ENSEIGNEMENT TECHNIQUE FEMININ	X25
ECOLE POLYTECHNIQUE DE THIES (EPT)	P47
ECOLE SUPERIEURE DE GESTION DES ENTREPRISES (ESGE)	M101
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GLOSSARY

The glossary explains the French degrees granted by the institutions and defines some French words used in the Directory. Many of the institutions' names contain direct English cognates which are not included here.

1. Aliment: Food, nourishment.
2. Alphabétisation: Literacy.
3. Agrégation: Indicates a training program at the post-graduate level as well as the degree required to hold a position of professeur at the university level.
4. Animateur: A community worker trained to raise the consciousness of local people and community groups while helping them to organize for development (as opposed to a vulgarisateur, who is more of an extension agent teaching specific skills at the community level).
5. Bibliothécaire: Librarian.
6. Baccalauréat: The diploma, and the national examination, organized by universities at the completion of the Second Cycle of secondary education. There are as many Baccalauréat examinations as programs in secondary school; they are referred to as series--Series A: Philosophy and Letters; Series B: Economics and Social Science; Series C: Mathematics and Physical Science; Series D¹: Mathematics and Natural Science; and Series D²: Agronomics and Technology.
7. Baccalauréat Technique: A particular type of Baccalauréat awarded to students graduating from Lycées Techniques (vocational schools). Baccalauréat Technique generally does not give students access to main programs in the university, except for the Instituts Universitaires de Technologie (see IUT). The series under this Baccalauréat are Series E: Mathematics and Technology; Series F¹: Mechanics; Series F²: Electronics; Series F³: Electricity; Series G¹: Administration; Series G²: Management and Quantitative Techniques; and Series G³: Trades. There are plans for adding a Series F⁴: Public Works.
8. BEPC (Brevet de l'Enseignement du Premier Cycle du Secondaire): A diploma awarded upon completion of the first four years of study (First Cycle) of secondary school. In some countries, it is called DFEM (Diplôme de Fin des Etudes Moyennes).
9. Boîte Postale (B.P.): Postal Box.

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10. Brevet d'Adjoint Technique: Diploma awarded after 1 or 2 years of vocational and technical training at the secondary level. This program of study is pursued by students who have received a Certificat d'Apprentissage Professionnel (CAP) in a particular trade. This degree is between the levels of BEPC and the Baccalauréat Technique.
 11. Brevet d'Agent Technique: Similar to Brevet d'Adjoint Technique but awarded after 3 years of vocational school.
 12. Brevet de Technicien (BT): Similar to Brevet d'Agent Technique but awarded after 4 years of vocational school. Agent Technique, Adjoint Technique, and Technicien also refer to civil service grades. Techniciens may be at the same level as holders of the Baccalauréat in the civil service, but they do not have the same opportunities for promotion or the same access to higher education programs.
 13. Brevet de Technicien Supérieur (BTS): Diploma awarded by technical schools for a 2-year, post-secondary program. These programs are usually reserved for students with a Baccalauréat Technique or a Brevet de Technicien (BT) who also have a few years of professional experience. (See Baccalauréat Technique.)
 14. Cadres: Professional staff, both management and support, or a particular subsystem in the civil service system with its own distinct regulations, for instance, the cadre of Finance Inspectors.
 15. CAP: Certificat d'Apprentissage Professionnel--Apprenticeship training program leading to a certificate. The Certificat is awarded upon completion of a 1- or 2-year vocational training program at a rather basic level. Participants in these programs are students outside the mainstream of secondary education who have not reached the BEPC level.

Certificat d'Aptitudes Pédagogiques--Certificate of Aptitude for teachers as well as training-of-trainer programs. There are CAPs for elementary education and secondary education; the latter is referred to as the CAPES (Certificat d'Aptitudes Pédagogiques à l'Enseignement Secondaire).
 16. Capacitariat: Two years of post-secondary studies in the Zairian educational system.
 17. Centre des Oeuvres Universitaires: Center of University Services--the office in charge of student services (housing, restaurants, scholarships etc.) The Centres are attached to a university or an administrative office of the Ministry of Education. In the latter case, they serve all the institutions of higher education in a country.
 18. CEPE (Certificat d'Etudes Primaires Élémentaires): Certificate awarded upon completion of elementary school (usually a 6-year program).
 19. Certifié: Certified, as in holder of a certificate.
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20. Classe de Terminale, de Première, de Seconde: Secondary education covers two cycles--the First Cycle of 4 years leading to the BEPC and the Second Cycle leading to the Baccalauréat. (Note: Grades are numbered in reverse order. The first year of the First Cycle is grade 6; the final year is grade 3.) The 3 years of the Second Cycle begin with Classe de Seconde, or second grade, go to the Classe de Première, or first grade, and end with the Classe de Terminale, or last grade. Students prepare their Baccalauréat during the Classe de Terminale.

21. Comptabilité: Accounting.

22. DEA (Diplôme d'Etudes Approfondies): Literally, Diploma of In-Depth Studies. A diploma awarded after 1 year of training following completion of the Maîtrise (see Maîtrise). The DEA program is generally reserved for students preparing a Doctorat de 3ème Cycle.

Both the DEA and the Doctorat de 3ème Cycle are in the Third Cycle of higher education.

23. DES/DESS (Diplôme d'Etudes Supérieures/Diplôme d'Etudes Supérieures Spécialisées): A diploma of specialized higher studies, awarded after completion of the Maîtrise (see Maîtrise). The DES and DESS belong in the Third Cycle of higher education but are reserved for students who do not intend to pursue a Doctorat. Generally, as the name indicates, the DES and DESS are oriented toward a specific profession.

24. DEUG (Diplôme d'Etudes Universitaires Générales): Literally, Diploma of General University Studies. The diploma awarded upon completion of the first 2 years of the university program. The DEUG corresponds to the First Cycle of higher education.

25. Diplôme d'Etat: Indicates the name of the diploma awarded on completion of secondary school in Zaire. The Diplôme d'Etat (literally, State Diploma) is awarded upon passing a national examination organized by the government.

26. DIT (Diplôme d'Ingénieur Technologue): An engineering diploma awarded after 4 years of study in an Institut Universitaire de Technologie (see IUT). The DIT is in the Second Cycle of the higher education system.

27. Doctorat d'Etat: Literally, State Doctorate. It is awarded after the successful defense of a thesis based on original research. It differs from the Doctorat de 3ème Cycle, which is less demanding and is oriented toward applied research. The Doctorat d'Etat is beyond the Third Cycle of the higher education system. It is worth noting that France has recently eliminated the two-doctorate system to replace it with one doctoral degree similar to the American Ph.D.

28. Doctorat de 3ème Cycle: Literally, Doctorate of the Third Cycle. Awarded after completion of a DEA (see DEA) and research in applied sciences.

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29. DUEL (Diplôme Universitaire d'Etudes Littéraires): Literally, University Diploma in Letters. DUEL is a diploma awarded after completion of the first 2 years of university study in a school of arts and letters. It is a First Cycle degree.
 30. DUES (Diplôme Universitaire d'Etudes Scientifiques): Literally, University Diploma in Sciences. The DUES is awarded after completion of the first 2 years of study in a school of sciences at the university level. It is a First Cycle degree.
 31. DUT (Diplôme Universitaire de Technologie): Literally, University Diploma in Technology. The DUT is awarded after the first 2 years of study in a University Institute of Technology or IUT (see IUT). It is a First Cycle degree.
 32. Ecole: School.
 33. Elevage: Animal Husbandry (Cattle Raising).
 34. Enseignement Supérieur: Higher education.
 35. Gestion: Management.
 36. Gestion des Entreprises: Business Management.
 37. Graduat: A degree in the Zairian system roughly equal to the Licence (see Licence).
 38. Informatique: Computer science and/or data processing.
 39. Ingénieur d'Application: Literally Application Engineer. Indicates a diploma and a category in the civil service hierarchy of engineers. The holder of an Ingénieur d'Application has completed 4 years of study in a university level technical school, as opposed to an Ingénieur Technologue, who has completed studies at a University Institute of Technology. Ingénieur d'Application is a Second Cycle degree.
 40. Ingénieur de Conception: Indicates a level of study, a diploma, and a category in the civil service hierarchy of engineers. The Ingénieur de Conception receives a diploma after 5 years of university study in a school of engineering or agronomy. The Ingénieurs de Conception are so called because their training enables them to design projects as well as apply basic engineering skills. They are usually designated by their specialty, for instance, Ingénieur Agronome (Agricultural Engineer); Ingénieur Electricien (Electrical Engineer); Ingénieur Mécanicien (Mechanical Engineer); Ingénieur Civil (Civil Engineer). It is a Third Cycle degree. A University Institute of Technology does not train such engineers.

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41. Ingénieur Technicien: Literally, Technician Engineer. Indicates a diploma, a level of studies, and a program in the Zairian system. The Ingénieur Technicien diploma is awarded after completion of 3 years of study at the university level.
 42. Ingénieur des Travaux: Indicates a diploma and a category in the hierarchy of engineers. The diploma is awarded after completion of 3 years of study in a technical school or in a University School of Engineering.
 43. Inter-états: Indicates an institution with a regional focus, usually supported by a number of member states.
 44. IUT (Institut Universitaire de Technologie): Literally, University Institute of Technology. The IUTs have been created in the last 20 years to orient part of the flow of university students toward practical careers. They grant diplomas at two levels, the DUT after 2 years and the DIT after 4 years. IUTs train only technical engineers. (See DUT and DIT.)
 45. Licence: The diploma of Licence is granted after completion of 3 years of study in a university. The level Licence corresponds to the first year of the Second Cycle of higher education. In Zaire, the Licence is awarded after 4 years of university study.
 46. Maîtrise: Literally, the Master's degree. The Maîtrise degree is awarded after completion of 4 years of study in a university, excluding IUTs. The Maîtrise corresponds to the second year of the Second Cycle of higher education. In Zaire, the Maîtrise is awarded after 5 years of higher education.
 47. Médecin Hospitalier: Physician employed by a hospital.
 48. Mémoire: Terminal paper required before the granting of a diploma.
 49. Recyclage: Refresher courses aimed at updating or upgrading the knowledge and skills of professionals.
 50. Sage Femme: Midwife.
 51. Santé: Health.
 52. Soins Infirmiers: Nurse.
 53. Stage: A period of training when the student learns by applying formal training in a real life environment.
 54. Sur titre: Refers to admission procedures when an applicant can be admitted solely on the basis of a diploma or title.
 55. Techniques de Gestion: Management techniques.
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56. Travaux Publics: Public Works.
 57. Travaux Pratiques: Practicum or practical training organized under the supervision of an instructor.
 58. Tronc Commun: Core studies program.
 59. Urbanisme: The science of urban planning and development. Urbaniste refers to the professional in this field.
 60. Vacataires: Part-time professors.

THE PROBLEM

The Francophone African USAID training officers have demonstrated a commitment to third country training. They have managed to place and receive third country trainees relying on a minimum of written resources and a patchwork of procedures. In spite of often complicated and confusing administrative and bureaucratic procedures and relying on word of mouth to identify quality institutions, AID's third country training program is alive and growing. With the training officers in mind, the Office of Sahel and West Africa contracted with Jeffalyn Johnson & Associates, Inc. to develop a handbook to help standardize the placement, receipt, and monitoring of third country students as part of the Directory of Francophone Training Institutions in Africa.

For the procedures detailed in the Handbook to be effective, there must be: 1) communications between the sending and receiving missions, between the missions and host governments, between the missions and the institutions, and between the missions and the students (see the figure on the following page); 2) consistency in the application of the procedures; and 3) continuity to guarantee information on institutional changes over time and knowledge of the progress of AID-sponsored students.

TRAINING NEEDS

To determine how best to meet the identified training needs, the USAID Training Officer, project personnel, and host government officials need to ask a number of questions. The answers will be determined in part by AID and host government development goals and in part by budgetary and time constraints. The following questions and discussion will assist in determining when to use third country institutions.

Identification of Specific Training Needs vis-a-vis Project Development Goals

- o What are the AID project and host government development goals?
- o What special skills are needed to help achieve these goals?
- o What level and type of training are required?
- o What time constraints exist in light of manpower needs?

Answers to these questions may determine the location of training. For example, if the training required is at the level of a Ph.D. and the desired field of study is very specialized, it is likely that such training would be available only in the United States. Alternatively, the training requirements may be met equally by either a U.S. or an African institution, or they may lend themselves more appropriately to regional or third country training.

U.S. Based Training

When the skill level and field of training required are available only in the United States, consider the following questions:

- o Which U.S. institutions provide training in the required field of study at the desired level?
- o Which program is most relevant to the national development goals and manpower needs?
- o Does the school have experience with African students in general and with host country nationals in particular?
- o What is the school's track record with African nationals? With host country nationals?

When there is a choice between U.S. based training and regional training in Africa, the following questions should be considered with respect to the institutions in question:

- o What is the track record of the institution with Africans? With host country nationals?
- o Is the training offered readily transferable to the African and host country situation?
- o Will additional training be necessary for the student (e.g., English, Mathematics, Science, etc.)? If so, what are the cost and time factors involved?
- o Will the degree be recognized by the student's employer?
- o All else being equal, what are the comparable costs in light of budgetary constraints?

If the relevance of the training and the costs are important considerations. Given that all else is equal, African programs are often more relevant and always less expensive than U.S. training.

Third Country Training in Francophone Africa

USAID training officers and project personnel who are considering third country institutions in Francophone Africa should consider the following questions to help determine the potential value of that training and to identify potential schools:

- o What African institutions offer the desired training at the required level?
- o Do they accept foreign students?
- o What is their reputation among USAID Missions? Within the host government? Among other donors? Among former students?
- o What are the track records of the institutions' graduates? Where are they and what are they doing?
- o Has the school had a positive effect on its specific development sector?
- o Does the institution contribute to a Pan-African pool of knowledge?
- o Has the school ever received AID funding?
- o Is the school receiving AID assistance at this time?
- o Does the school receive assistance from other donor groups? Which ones?
- o Is the school in a country where USAID is represented?
- o Are there formal agreements and/or a history of cooperation between the government of the student and the government of the country where the school is located?

Answers to these questions may assist USAID personnel in narrowing the field of potential institutions. It is important that Training Officers carefully review the qualitative indicators for each institution presented in the Directory, contact other donors or AID missions for information as needed, and follow up on the performance of the institution's graduates.

Handbook for Managing Third Country Training Activities



PROCEDURES AND CHECKLISTS

The following procedures and four checklists are designed to provide the Training Officer with a quick reference to recommended guidelines for sending and receiving third country trainees.

The Application Checklist details the process of identifying student/country needs, matching them with an institution, preparing the student for training, and maintaining contact with the student after training.

The Arrival Checklist describes the tasks to be performed by the receiving mission to prepare for a student's arrival and stay.

The Orientation Package Checklist suggests materials to be included in a host country orientation package.

The USAID Orientation Package Checklist recommends materials that would familiarize a trainee with AID and the training program.

Procedures

Sending Mission

1. Identify training requirements with host government and USAID project staff, allowing for 12-15 months' lead time.
2. Identify the student and the student's specific training needs.
3. Set up a student biographical data file. Send bio-data to receiving missions.
4. Access Directory for short list of institutions.
5. Contact institutions directly for more information; at the same time, contact potential receiving missions.
6. Obtain host government approval as necessary and file admission application (see Application Checklist).
7. Conduct student orientation (see USAID Orientation Package).
8. Notify receiving mission (through Project Implementation Order/Participant (PIO/P)).
9. Arrange travel to institution for student; cable itinerary to receiving mission.
10. Monitor student's progress and maintain updated bio-data file on student.
11. Administer post-graduate questionnaires and send copies to receiving mission:
 - a) upon return
 - b) after 6 months
 - c) after 1 year
 - d) after 3 years
 - e) after 5 years
 - f) after 10 years.

Procedures

Receiving Mission

1. Develop Third Country Orientation Package for host country (see Third Country Orientation Package Checklist) and send one copy to each sending mission.
2. Respond to sending mission's request for information on specific schools. Start bio-data file on applicant.
3. Contact school to facilitate application process; if possible, visit school. Ensure that receiving mission has contact point.
4. Pick up student and arrange for in-country monitoring (see Arrival Checklist).
5. Monitor student's progress and maintain updated bio-data file on student with copies to sending mission (see Bio-Data Cover Sheet).
6. Maintain contact with student while in country; administer in-training questionnaire.

Application Checklist (Sending Mission)

1. Draft PIO/P and send to receiving missions.
2. Interview student and set up biographical data file. Communicate mission expectations and student responsibilities.
3. Obtain approval from relevant host country ministries and offices.
4. Schedule medical examination and obtain medical records (usually two doctors' opinions are required).
5. Obtain visa.
6. Complete admission application form.
7. Obtain photographs for application package and for receiving mission. Check with school for number of photographs required (receiving mission requires three).
8. Obtain copy of military record.
9. Obtain copy of police record.
10. Obtain copies of academic records, including copies of degrees and diplomas. Forward copies of Items 1-9 to receiving mission.
11. Test student's language and mathematics/science skills as needed.
12. Arrange for student to take entrance examination.
13. Make travel plans; cable receiving mission.
14. Provide orientation to USAID.
15. Explain expectations of USAID and the host government to student.
16. Issue travel advance.

Arrival Checklist (Receiving Mission)

1. Meet student at point of entry; expedite customs as necessary.
2. Provide brief introduction to mission personnel and reiterate mission procedures. Emphasize the fact that receiving mission is student contact point.
3. Discuss emergency evacuation procedures.
4. Issue medical insurance allowance to student.
5. Help to find housing if none is provided by school.
6. Arrange temporary accommodations if necessary.
7. Introduce student to contact person at school; resolve accommodation problem during school holidays.
8. Encourage contact person to communicate any questions or problems to USAID officials and ensure their understanding of USAID administrative and training procedures.
9. In accordance with PIO/P, pay room and board and/or tuition directly to school; pay living allowance to student. If institution is not in capital city, arrange for student account with local bank.
10. Maintain contact with school and student. (Receiving mission should contact student every 1-2 months if possible).
11. Administer "In-Training Questionnaire" at end of each academic year and respond as needed.
12. Obtain student's academic transcripts, reports of research/practicum, and advisors' reports or recommendations and transmit to sending mission.

Third Country Orientation Package Checklist

Each Francophone African mission is encouraged to develop an orientation package on its respective country for all potential third country trainees. Copies of the orientation package will be sent to all potential sending missions for distribution to outgoing students. The country orientation packages should be reviewed and updated annually. The standardized package should include the items listed below:

1. Living conditions
2. National history/culture/politics
3. National laws
4. Visa requirements/innoculation requirements
5. Brochures or catalogs of institutions
6. Annotated bibliography of useful books
7. Foreign exchange rates (U.S. dollar and F CFA, where necessary)
8. Maps of the country and capital city
9. Tourist brochures, pamphlets
10. Introduction to receiving mission, including names and phone numbers of relevant personnel
11. Clear delineation of students' rights and responsibilities while in training and USAID operating procedures

USAID Orientation Package

The sending mission is responsible for ensuring that students clearly understand their responsibilities as USAID-sponsored trainees. To facilitate this understanding, the sending mission should orient the student to USAID and the participant training program and make the Third Country Orientation Package available.

Prior to departure, the USAID Training Officer or responsible official and the student should review and discuss the information contained in the USAID Orientation Package to effect mutual agreement and understanding of expectations and responsibilities. (Note: Both sending and receiving missions are encouraged to outline student and mission roles and responsibilities to clarify any procedural variations between missions.) The USAID Orientation Package should include:

1. Letter of welcome from the Mission Director
2. Statement of AID development policy
3. Brief history of AID
4. Brief history of U.S.-host country relations
5. Statement of students' rights
6. Statement of students' responsibilities
7. Procedures before departure and upon return
8. Role of receiving mission
9. I.D. cards
10. Health and accident coverage
11. Personal property insurance
12. Mailing address
13. Travel allowances
14. Contact points for emergencies
15. Academic expectations
16. Review of civil and legal regulations of USAID and receiving country
17. Monitoring procedures and requirements (periodic contact with receiving mission)
18. Training reports (annual)
19. Post-graduate follow-up

Biographical Data File
(Cover Sheet)

Student Name

Nationality

Training Institution (name/country)

Sponsoring USAID Project (title/number)

Sponsoring Host Government Ministry

Student Home Address

Next of Kin:

Name

Relationship

Address

Notes on Initial Interview:

Sending Mission:

Receiving Mission:

Notes on Departure Interview:

Attach Items 1-9 from Application Checklist, transcripts from school, interview notes (from sending or receiving mission), In-Training Questionnaire, Post-Training Questionnaire, copy of PIO/P, recommendations and evaluations from school officials, and notes on practicum, thesis, or term paper and research projects.

In-Training Questionnaire

Background

Name:

Country of Citizenship:

Institution:

Field of Study:

Degree or Certificate Program:

Program Completed to Date:

Academics

1. Briefly describe your course work/practicums during the past year:

2. Did you find the course work relevant to the problems you have encountered in your home country? Why or why not?

3. What new skills or knowledge have you acquired in the past year? Describe.

4. What aspects of the program do you find most satisfying?

5. What aspects of the program do you find most disappointing?

The Institution

1. How would you rate the institution in the following categories (good, fair, needs improvement, poor)?

CHARACTERISTICS OF THE INSTITUTION	GOOD	FAIR	NEEDS IMPROVEMENT	POOR
1. Academic Program				
2. Instructional Quality				
3. Curriculum/Course Content				
4. Practical Training				
5. Instructional Materials				
6. Libraries				
7. Laboratories				
8. Other Research Facilities				
9. Computer Facilities				
10. Equipment				
11. On-Campus Housing				
12. Medical Services Available				
13. Health Insurance Plan				
14. Services Available to Foreign Students				
15. Recreational Facilities				

2. How do you think the training program could be improved? Please be specific in those areas where you checked "Needs Improvement."

3. Have you seen any improvement since your last report? ___ Yes ___ No
Please explain:

Orientation/Counseling

1. Was the orientation provided by USAID beneficial? Why or why not?

2. How could the USAID orientation be improved?

3. Are you satisfied with the support from the local USAID mission? Why or why not?

4. Are you satisfied with the counseling you are receiving at school? Why or why not?

MONITORING RETURNED STUDENTS

Perhaps the most difficult aspect of placing students in third country institutions is maintaining contact upon their return. This becomes increasingly difficult as years pass. Continuity in the Training Officer position and that individual's in-depth knowledge of the country simplify the problem, but the most critical element is the returned trainee's commitment to periodic contact with the mission.

Returned Student Network

In order to facilitate the monitoring of returned students and to encourage their continued relationship with the mission, the Training Officer may wish to implement one or all of the following network activities for returned students:

1. An alumni association with regularly scheduled meetings, elected officers, etc. Sport and cultural events may be scheduled in conjunction with USAID or Embassy functions to encourage a feeling of community.
2. A newsletter for and about returned students, including discussion of the current training program, highlights of the professional careers of returned students, and reports of club activities.
3. An orientation round table whereby returned trainees actively participate in the orientation of outgoing students to their alma maters or the country in which they trained.

These activities will foster professional and personal relationships among returned trainees and will help them to become an integral part of the continuing process of education. More importantly, these activities will provide regular and timely interaction between returned participants and the USAID Training Officer, thereby facilitating the monitoring process and substantiating the data base on returned trainees and third country training institutions.

The Monitoring Process

By monitoring returned students' professional progress, the Training Officer will gain a clear indication of the quality of training provided by the third country institution. This information will be very useful for determining future third country training placements. In brief, the monitoring process should elicit the following information:

- o To what extent and how well the returnee utilizes the skills acquired in training
- o How those skills are being used
- o Which skills are being used and whether these skills are sufficient to do the job correctly
- o What other specific skill areas require training

Sources of information include:

- o Detailed job descriptions (the returnee's)
- o Written/oral descriptions of the returnee's performance by supervisor(s)
- o Written/oral descriptions of the returnee's performance by USAID or other donor personnel
- o The track record of the returnee's completed assignments

The monitoring process, therefore, includes not only maintaining contact with the returnee but also establishing contact with the returnee's office/project.

The opportunity to contact the returnee's supervisor(s) occurs when the Training Officer administers the Returned Student Questionnaire. The time needed to perform this task should be no longer than 2 or 3 hours. To allow for flexibility, no specific questionnaires have been designed for the returnee's supervisor(s). The Training Officer may wish to conduct a brief interview or ask for written statements. Either method should elicit the following information:

- o The skills used by the returnee
- o An overall assessment of the returnee's work (strengths and weaknesses)
- o An assessment of how the training has helped the returnee (or supervisor)

Returned Student Questionnaire

Name

Address

Institutional Background:

Name of Training Institution

Degree Received

Please give a brief description of the training you received:

What skills and problem solving techniques did you learn?

How would you rate your training experience?

Excellent Good Fair Poor

How could the training program or institution be improved?

Professional Profile

Current Job Title

Please give a brief history of your professional experience since your graduation (job titles/dates/duties):

What skills and problem-solving techniques do you use most in your daily work?

Have you found your training relevant to your work?
How? (Give examples if possible.)

How has the training helped in your career growth?

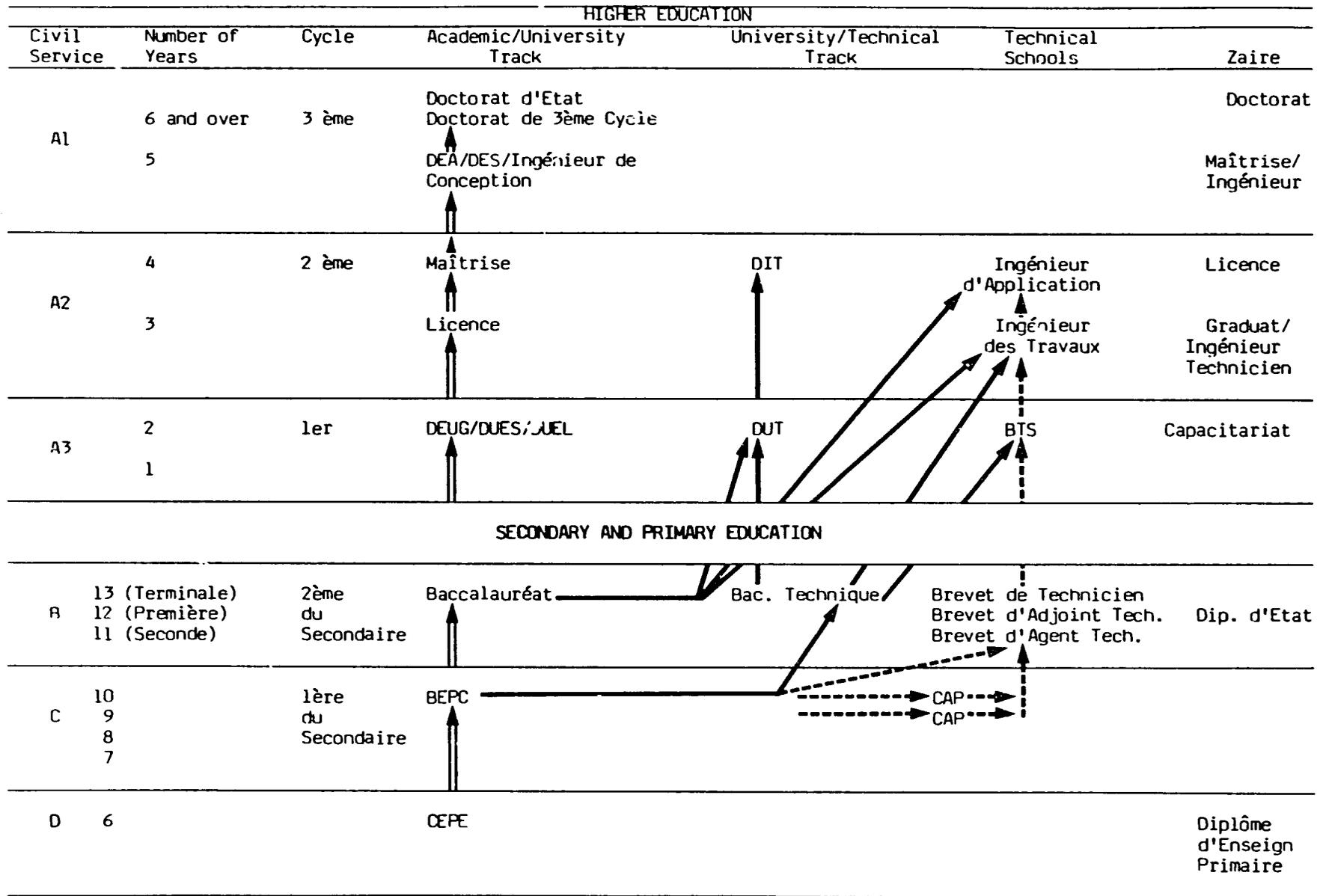
Institutional Profiles



INSTITUTIONAL PROFILES

- I. Agriculture
- II. Health
- III. Industry, Commerce, and Science
- IV. Management
- V. Public Works
- VI. Rural Development
- VII. Miscellaneous

EDUCATIONAL LEVELS



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AGRICULTURE



NAME OF INSTITUTION: ECOLE NATIONALE SUPERIEURE AGRONOMIQUE
(ENSA)

Centre Universitaire de Dschang

MAILING ADDRESS: B.P. 138
Yaoundé, Cameroon

TELEPHONE: 22-45-88

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la
Recherche Scientifique, Government of the Republic of
Cameroon

FUNDING SOURCE: Government of the Republic of Cameroon; U.S. Agency for
International Development (USAID); Fonds d'Aide et de
Coopération (FAC), France; Administration Générale de la
Coopération au Développement (AGCD), Belgium

DATE FOUNDED: 1963

TRAINING PROGRAM: Agriculture

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Agronomy	Ingénieur - Agronome	Baccalauréat, Series C or D and entrance examination	5 years
Water and Forestry	Ingénieur des Eaux et Forêts		

COURSE DESCRIPTION: The first 3 years of both options are core study
programs. In the fifth year of the Agronomy program,
there are three specialties--animal production, vegetable
production, and agricultural economics.

LANGUAGE: French and English

ACADEMIC YEAR: Begins October 1

ADMISSION PROCEDURES: Applications should be sent to the Director of ENSA or to the Centre Universitaire de Dschang (B.P. 90, Dschang, Cameroon) before March 31. There is no entrance examination for foreign students. There is a limited number of places available to foreign students.

FINANCIAL REQUIREMENTS: Tuition: 3,300 F CFA/year
Lodging in Dormitory (on-campus): 1,100 F CFA/month
Food Service (on-campus): 8,400 F CFA/month

The government scholarship of 50,000 F CFA/month covers the monthly expenses of a student living off-campus.

INSTITUTIONAL PROFILE: LOCATION: Yaounde, suburban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Program	142	8	1	-	143	8
Agronomy	69	11	-	-	69	11
Water and Forestry	22	2	4	-	26	2
Total	233	21	5	-	238	21

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Animal Production	6	2	-	-	6	2
Vegetable Production	22	1	-	-	22	1
Agricultural Economics	7	1	-	-	7	1
Water and Forestry	6	-	-	-	6	-
Total	41	4	-	-	41	4

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Gabon	-	-	-	1
Mauritania	1	-	-	-
Togo	4	-	-	-
Total	5	-	-	1

CLASSROOM/PRACTICUM:

OPTION/LEVEL	HOURS PER WEEK	
	Classroom	Practicum
First Year	21 hrs.	14 hrs.
Second Year	24 hrs.	9 hrs.
Third Year	24 hrs.	8 1/2 hrs.
Agronomy (Fourth Year)	29 hrs.	6 1/2 hrs.
Agronomy (Fifth Year)	28 hrs.	7 hrs.

INTERNSHIP: First-year students intern as workers throughout the year. During the second year, students spend 30 days in an agricultural station. Third-year students are allowed 30 days to write a monograph. Fourth year: 30 days, unspecified. Fifth year: 90 days, unspecified.

COMPUTER TRAINING: Students are trained to use micro-computers.

FACULTY QUALIFICATIONS: Professor: 6 years as Associate Professor and publications; Associate Professor: 6 years as Chargé de Cours and publications; Chargé de Cours: Doctorat (Ph.D.) or M.S. degree and 6 years as Assistant; Assistant: Ingénieur or Master's degree.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	12	-	3	-	15	-
Doctorat 3ème Cycle	16	1	1	-	17	1
Ingénieur Agronome	4	2	5	2	9	4
Maîtrise	3	-	1	-	4	-
Total	35	3	10	2	47	5

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	5	-	1	-	6	-
Doctorat 3ème Cycle	15	1	1	-	16	1
Ingénieur Agronome	4	-	-	-	4	-
Licence	5	1	-	-	5	1
Total	29	2	2	-	31	2

Facilities and Services

Classrooms	10 classrooms of 50 places each
Laboratories	1 lab each for soil sciences, physics/biology, and research in radioisotopes
Housing	Available on-campus
Transportation	Between ENSA and downtown Yaounde
Health Care	On-campus
Food Service	On-campus

ADDITIONAL INFORMATION: Contact the Directeur Adjoint, ENSA for additional information.

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NAME OF INSTITUTION: CENTRE DE FORMATION PISCICOLE DE BOUAKE
(CFPB)

MAILING ADDRESS: B.P. 621
Bouaké, Ivory Coast

TELEPHONE: 63-21-70

SUPERVISORY AUTHORITY: Ministère du Développement Rural, Government of the
Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast; Food and
Agriculture Organization; Fonds Européen de Développement
(FED); United Nations Development Program (UNDP); Caisse
Centrale de Coopération Economique; U.S. Agency for
International Development (USAID)

DATE FOUNDED: 1967

TRAINING PROGRAM: Fish Culture

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Fish Culture	Brevet Supérieur de Pisciculture	Baccalauréat Series D and 2 years of additional studies	1 year

COURSE DESCRIPTION: The program includes class work and practicums in
ichthyology, limnology, construction of fish ponds,
economics and socioeconomics, manufacture of fish nets,
ichthyopathology, and marine mechanics.

LANGUAGE: French

ACADEMIC YEAR: Begins October 15

ADMISSION PROCEDURES: Candidates must be proposed by their respective govern-
ments. Applications should be sent to the Director of
the Center by the end of May. Final selection of

candidates is made by the Conseil d'Etudes composed of a representative of the Ministry of Rural Development, the Director of Fisheries, the Director of CFPB, and the Director of Institut Iddessa.

FINANCIAL REQUIREMENTS: Tuition: 1,000,000 F CFA/year (includes housing and food service on-campus, books, and materials)

INSTITUTIONAL

PROFILE: LOCATION: Suburbs of Bouaké, 320 kms. from Abidjan

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Fish Culture	4	-	14	-	18	-

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Fish Culture	3	1	6	-	9	1

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Burkina Faso	-	-	1	1
Cameroon	-	2	1	-
CAR	1	2	-	-
Congo	1	1	-	-
Gabon	-	1	-	2
Mali	-	1	-	2
Niger	2	2	-	-
Rwanda	2	2	-	-
Senegal	-	1	2	2
Zaire	-	2	-	3
Total	6	14	4	10

CLASSROOM/PRACTICUM: Twenty-five percent of the time is devoted to classroom study and 50% to field work. The remaining 25% is spent on study tours in the Ivory Coast and neighboring countries.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students study the operation of vehicle engines, including carburetor, ignition, distributor, cooling system, two and four-stroke engines and the maintenance of both motors and vehicles. Students are also required to strip and rebuild an outboard motor.

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	FULL-TIME	PART-TIME	TOTAL
Doctorat 3ème Cycle/Ingénieur	1	13	14

Facilities and Services

Classrooms	1 classroom of 18 places
Laboratories	Audiovisual
Library	150 volumes
Housing	Students reside on campus in double rooms
Transportation	Available between school and Bouake
Health Care	Medical facilities located nearby
Food Service	On-campus

OTHER SERVICES: Soccer, volleyball, ping pong, and television are available.

ADDITIONAL INFORMATION: Contact the Office of the Director of CFPB for additional information.

GENERAL INFORMATION: Until 1982, the Center was a section of the Centre de Techniques Forestières Tropicales, financed by Fonds d'Aide et de Coopération (FAC), France.

NAME OF INSTITUTION: ECOLE FORESTIERE DU BANCO (EFBANCO)

MAILING ADDRESS: 03 B.P. 233
Abidjan 03, Ivory Coast

TELEPHONE: 37-19-30
37-16-76

SUPERVISORY AUTHORITY: Ministère de l'Agriculture et des Eaux et Forêts,
Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1938

TRAINING PROGRAM: Forestry

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Forestry	Brevet Supérieur Professionnel de Sylviculture (BSPS)	Baccalauréat Scientifique C or D and entrance examination (organized by their respective governments) or Diplôme d'Etudes d'Agriculture Tropicale (DEAT) from an agriculture school equivalent to Lycée Agricole de Bingerville, Ivory Coast; or Moniteur Agricoles and professional exam (organized by their respective governments)	2 years

COURSE DESCRIPTION: Ecole Forestière du Banco is a technical school. The objective of the program is to develop Assistants or Contrôleurs des Productions Végétales et Animales for Francophone Africa. Courses include geology, administration, topography, zoology, fish culture, phytopathology, phytogeography, and animal management. Forestry courses include forest management, forest economics, forestry planning, forest engineering, wood technology, botany, sylviculture, forest ecology, and environmental protection. The school also instructs students on legal issues involved in forestry management.

LANGUAGE: French

ACADEMIC YEAR: October - July

ADMISSION PROCEDURES: Foreign candidates must be presented by their respective governments. Applications should be sent to the Directeur de la Formation Agricole et Forestière, Ministère des Eaux et Forêts by August 30. Applications should include a copy of candidate's birth certificate, diploma/degrees, military experience, police record, curriculum vitae, visa forms and a written request from the candidate. The school accepts 25 students in the first year; 10 places are reserved for foreign students.

FINANCIAL REQUIREMENTS: Tuition: 450,000 F CFA/year (includes on-campus housing, books and materials)
Food Service (on-campus): 15,000 F CFA/month
Estimated Cost of Living in Banco/Abidjan (includes housing and food): 40,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Parc National du Banco, 12 kms. from Abidjan

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Forestry (both years)	28	4	17	-	45	4

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Forestry	24	-	8	-	32	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	8	8	4	4
Burkina Faso	8	7	2	3
Chad	-	1	-	-
Togo	1	2	1	1
Total	17	18	7	8

CLASSROOM/PRACTICUM: The ratio of class work to practical training varies from subject to subject. In the case of silviculture and topography, the ratio is 50/50. The number of practicum hours increases in the second year.

INTERNSHIP: Field trips to local parks/forests and reforestation sites are organized every 2 weeks during the first year. In the second year, students spend 45 days working in parks/forests and reserves in the Ivory Coast and in neighboring countries.

FULL-TIME/PART-TIME FACULTY BY DIPLOMA/DEGREE: EFBANCO has 3 full-time professors (including 1 expatriate) and 17 part-time instructors (including 2 expatriates). Among these 20 faculty members are the following:

DIPLOMA/DEGREE	TOTAL
Doctorat d'Etat	1
Doctorat 3ème Cycle	1
Ingénieur Agronome	6
Ingénieur d'Application	2
Ingénieur des Travaux	2
Others	8
Total	20

Facilities and Services

Classrooms	2 classrooms of 35 places each
Laboratories	Work stations in classrooms
Housing	3 dormitories with a total of 20 double rooms
Transportation	Available between campus and Abidjan
Health Care	Small infirmary attached to local pharmacy
Food Service	Kitchen and refectory on-campus
Foreign Student Counselor	Offered by the Assistant Director
Other	6 vehicles

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:

1. Ecole de Faune de Garoua, Cameroon
2. Centre de Formation Piscicole de Bouaké, Ivory Coast
3. U.S. Agency for International Development (USAID)

ADDITIONAL
INFORMATION: A brochure is available from the Office of the Director.

GENERAL INFORMATION: The Ecole Forestière du Banco will be integrated with Ecole Forestière de Bouaké in 1986.

NAME OF INSTITUTION: ECOLE FORESTIERE DE BOUAKE (EFB)

MAILING ADDRESS: B.P. 654
Bouaké, Ivory Coast

TELEPHONE: 63-34-55

SUPERVISORY AUTHORITY: Ministère de l'Agriculture et des Eaux et Forêts,
Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1938

TRAINING PROGRAM: Forestry

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Forestry	Technicien (Diplôme de Technicien Forestier)	Brevet des Etudes du Premier Cycle and entrance examination	2 years

COURSE DESCRIPTION: Practicums are conducted in the forests around Bouake as well as those in Mali, Niger, Burkina Faso, Togo, and Benin. National parks and plantations are also studied. In Abidjan, students visit the forest at Yapo and industries that use wood and wood byproducts.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Ministère de la Co-opération, Ivory Coast, by the end of August. Applications will be reviewed and final selection made by the Direction de l'Enseignement et de la Formation, Ministère de l'Agriculture et des Eaux et Forêts.

FINANCIAL Tuition: 400,000 F CFA/year
REQUIREMENTS: Estimated Cost of Living in Bouaké (includes housing and food): 50,000 F CFA/month

INSTITUTIONAL
PROFILE: LOCATION: Bouaké, 320 kms. from Abidjan

Student Enrollment by Year of Study, 1984

YEAR OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Year	49	1	-	-	49	1
Second Year	48	2	-	-	48	2
Total	97	3	-	-	97	3

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Forestry	39	4	-	-	39	4

CLASSROOM/PRACTICUM: Students devote 44% of course time to classroom study and 56% to practicum.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained to repair tractors and automobiles.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur de Conception	1	-	-	-	1	-
Ingénieur d'Application, Ingénieur des Travaux, Maîtrise, Licence	8	-	-	-	8	-
DUT, DUES	1	-	-	-	1	-
Total	10	-	-	-	10	-

Facilities and Services

Classrooms	4 classrooms and 1 amphitheatre equipped for audiovisual presentations (number of places unspecified)
Laboratories	Garage facility with variety of motors, carpentry shop, and nursery for reforestation
Library	5,000 volumes
Housing	Available on campus
Transportation	Available between school and town
Health Care	On-campus
Food Service	On-campus
Bookstore	On-campus

OTHER SERVICES: Sports fields; the school has 50 hectares of forest area.

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Société pour le Développement des Forêts (SODEFOR), Ivory Coast
 2. Bureau d'Etudes Techniques pour l'Agriculture (BETA), Ivory Coast

ADDITIONAL INFORMATION: Contact the Office of the Director, EFB, for additional information.

GENERAL INFORMATION: EFB did not accept foreign students at the time of the study. However, in 1987, when EFB merges with Ecole Forestière du Banco, foreign students will be accepted.

NAME OF INSTITUTION: **ECOLE NATIONALE SUPERIEURE AGRONOMIQUE D'ABIDJAN (ENSAA)**

MAILING ADDRESS: 08 B.P. 35
Abidjan, Ivory Coast

TELEPHONE: 37-48-68

SUPERVISORY AUTHORITY: Ministère de l'Agriculture, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of Ivory Coast; European Economic Community (EEC); Fonds d'Aide et de Coopération (FAC), France; Association of African Universities (AAU)

DATE FOUNDED: 1965

TRAINING PROGRAM: Agriculture

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Agriculture First Cycle	Diplôme Universitaire d'Etudes Scientifiques (DUES)	Baccalauréat C, D, or E or equivalent and entrance examination	2 years
Second Cycle	Diplôme d'Agronomie Générale (DAG) level Maîtrise	Diplôme Universitaire d'Etudes Scientifiques (DUES)	2 years
Third Cycle	Diplôme d'Ingénieur Agronome	Diplôme d'Agronomie Générale (DAG)	1 year
	Diplôme de Spécialité	Diplôme d'Ingénieur Agronome	1 year

COURSE DESCRIPTION: ENSAA offers a variety of majors in the Third Cycle, including agriculture, zoology, rural and economic development, agricultural chemistry, genetics, statistics, horticulture, agrometeorology, agricultural hydraulics, and agribusiness.

Students who complete the DAG program may pursue a master's degree at a university abroad or enter the Third Cycle at ENSAA. ENSAA awards graduates of foreign master's programs a Diplôme d'Ingénieur Agronome.

LANGUAGE: French

ACADEMIC YEAR: Begins October

ADMISSION PROCEDURES: Foreign student applications must be presented by the candidate's government. Applications should be sent to the Faculté des Sciences, Université Nationale de Côte d'Ivoire by May (01 B.P. V34, Abidjan, Ivory Coast).

FINANCIAL REQUIREMENTS: Lodging in Dormitory (on-campus): 7,000 F CFA/month
 Food Service: 15,000 F CFA/month
 Books and Materials: 50,000 F CFA/year
 Estimated Cost of Living in Abidjan (includes housing and food): 48,000-60,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
DUES	46	4	1	-	47	4

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Diplôme d'Agronomie Générale (DAG)	28	-	1	-	29	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983
Angola	1	1
Burundi	1	1
Chad	-	-
Mauritania	-	2
Niger	-	1
Total	2	6

INTERNSHIP: Students in the DAG program (Second Cycle) must complete 2 months of field work and research before they can advance to the second year.

COMPUTER TRAINING: Students specializing in statistics and data processing receive computer training.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students majoring in agricultural hydraulics are trained to repair and maintain related machinery.

FACULTY QUALIFICATIONS: Conditions for holding any staff position are a minimum of Diplôme d'Ingénieur de Conception.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	6	-	1	-	7	-
Doctorat 3ème Cycle	7	1	-	-	7	1
Ingénieur de Conception	13	2	-	-	13	2
Total	26	3	1	-	27	3

Facilities and Services

Classrooms	1 amphitheater of 140 places, 3 classrooms of 70 places each, and 2 exam rooms of 70 places each
Laboratories	12 labs (types unspecified)
Housing	Available on-campus
Transportation	Available between campus and downtown Abidjan
Health Care	Small health care unit on-campus
Food Service	On-campus

COOPERATION WITH: ENSAA has cooperative agreements with various universities
OTHER INSTITUTIONS/
ORGANIZATIONS: in the United States, France, Canada, and Belgium as well as with the African Graduate Fellowship Program and the (AFGRAD) Food and Agriculture Organization of the United Nations.

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director, ENSAA.

NAME OF INSTITUTION: **INSTITUT AGRICOLE DE BOUAKE (IAB)**

MAILING ADDRESS: B.P. 1490
Bouake, Ivory Coast

TELEPHONE: 63-27-10
63-33-30
63-25-91

SUPERVISORY AUTHORITY: Ministère de l'Agriculture et des Eaux et Forêts,
Government of the Republic of the Ivory Coast

FUNDING SOURCE: Fonds d'Aide et de Coopération (FAC); Caisse Centrale
pour la Coopération Française, Paris; Government of the
Republic of the Ivory Coast

DATE FOUNDED: 1976

TRAINING PROGRAM: Agriculture, Animal Husbandry, Water and Forestry

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Agriculture	Ingénieur des Techniques Agricoles	Baccalauréat and entrance examination or 6 years of professional experience for Assistants des Productions Végétales et Animales	<u>3 years</u>
Water and Forestry	Ingénieur des Techniques Forestières		<u>3 years</u>
Animal Husbandry	Ingénieur des Techniques d'Elevage		<u>3 years</u>

COURSE DESCRIPTION: Training consists of four phases---Phase I: 16.5 months of case study analysis of the rural environment and production; Phase II: students select a specialty area; Phase III: 12 months of study devoted to the area of specialization and the development of management and communications skills; Phase IV: evaluation of the students' abilities to work together in a multidisciplinary setting. Methods include classroom instruction, practical training, field work, and group and individual planning.

LANGUAGE: French

ACADEMIC YEAR: Begins November 1

ADMISSION PROCEDURES: Candidates must be presented by their respective governments, and applications must arrive at IAB by April 16. The Ministère de l'Agriculture et des Eaux et Forêts and IAB arrange examinations. Applications must contain a copy of the Baccalauréat, two photographs, two self-addressed envelopes, a birth certificate, and a medical certificate. For Assistants des Productions Végétales et Animales, a copy of the diploma should be included.

FINANCIAL REQUIREMENTS: Tuition: 45,000 F CFA/week
Lodging in Dormitory (on-campus): 1,000 F CFA/day
Food Service (on-campus): 2,500 F CFA/day
Estimated Cost of Living: in Bouake (includes housing and food): 25,000-35,000 F CFA/week

INSTITUTIONAL PROFILE: LOCATION: Approximately 15 kms. from downtown Bouake

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL	FOREIGN	TOTAL
Core Program	74	20	94
Agriculture			28
Water and Forestry	48	5	15
Animal Husbandry			10
Total	122	25	147

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
All Fields	35	-	4	-	39	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	8	4	1	4
Chad	2	-	-	-
Gabon	2	-	-	-
Niger	-	-	2	-
Senegal	-	1	1	-
Total	12	5	4	4

REPAIR AND MAINTENANCE OF EQUIPMENT: Two hours/week are devoted to repair and maintenance of motorized farm machinery.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	7	2	-	-	7	2
Maîtrise/Ingénieur	9	-	-	-	9	-
Total	16	2	-	-	16	2

PART-TIME FACULTY: There are 150 part-time faculty members.

Facilities and Services

Classrooms	9 classrooms and 2 amphitheaters (number of places unspecified)
Laboratories	2 language labs, 1 science lab
Housing	309 single dormitory rooms (married students must find lodging in town)
Transportation	Available between campus and Bouake
Health Care	Infirmery with nurse on-campus
Food Service	Dining halls on-campus

OTHER SERVICES: Sports, sociocultural events, T.V., movies, and student lounge.

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS: 1. Association des Facultés d'Agronomie d'Afrique, Rabat, Morocco
2. Institut Pan Africain du Développement (IPD), Douala, Cameroon

ADDITIONAL INFORMATION: Contact the Office of the Director for additional information.

NAME OF INSTITUTION: **INSTITUT POLYTECHNIQUE RURAL DE
KATIBOUGOU (IPR)**

MAILING ADDRESS: B.P. 06
Koulikoro, Mali

TELEPHONE: 26-20-12
22-26-55

BAMA KO ANNEX: B.P. 224 Bamako, Mali

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale, Government of the
Republic of Mali

FUNDING SOURCE: Government of the Republic of Mali; United Nations
Development Program (UNDP); Fonds d'Aide et de
Coopération (FAC)

DATE FOUNDED: 1966

TRAINING PROGRAM: Rural Development

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Agriculture</u>			
<u>Animal Husbandry</u> <u>Water and</u> <u>Forestry</u> <u>Rural</u> <u>Engineering</u>	Diplôme de Technicien Supérieur (DTS)	Diplôme d'Etudes Fondamentales (DEF)	4 years
<u>Agriculture</u> <u>Animal Husbandry</u> <u>Water and</u> <u>Forestry</u>	Diplôme d'Ingénieur des Sciences Appliquées (ISA)	Baccalauréat Scientifique Series D, or DTS, 3 years of experience, and entrance examination	4 years

COURSE DESCRIPTION: The main campus of IPR is in Koulikoro; the School of Animal Husbandry is located in Bamako. The degrees of Technicien Supérieur and Ingénieur des Sciences Appliquées are offered at both locations.

Both degrees begin with a core studies program in the first year. The concentration is on mathematics, physics, chemistry, biology, geology, meteorology, and language. Laboratory and field work are included in the first year.

Specialization begins in the second year for both degrees.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Directeur Général de l'Enseignement Supérieur, Ministère de l'Éducation Nationale in Bamako or to the Directeur Général of IPR-Katibougou before June 15.

FINANCIAL REQUIREMENTS: Tuition: 200,000 F CFA/year
Lodging in Dormitory (on-campus): 10,000 F CFA/month
Food Service: 5,000 F CFA/month
Estimated Cost of Living in Mali (includes housing and food): 40,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Katibougou, 1.5 hours by car from Bamako, rural area

Student Enrollment by Level and Field of Study, 1984

LEVEL AND FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Program	355	37	11	-	366	37
Agriculture (DTS)	269	62	4	-	273	62
Water and Forestry (DTS)	200	47	-	-	200	47
Animal Husbandry (DTS)	318	56	-	-	318	56
Rural Engineering (ISA)	68	3	-	-	68	3
Agriculture (ISA)	213	19	29	1	232	20
Animal Husbandry (ISA)	204	23	25	-	229	23
Water and Forestry (ISA)	84	11	8	-	92	11
Total	1,711	258	77	1	1,788	259

Graduates by Level and Field of Study, 1984

LEVEL AND FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agriculture (DTS)	66	3	-	-	66	3
Water and Forestry (DTS)	27	2	-	-	27	2
Animal Husbandry (DTS)	48	3	-	-	48	3
Rural Engineering (DTS)	15	-	-	-	15	-
Agriculture (ISA)	85	11	1	-	86	11
Animal Husbandry (ISA)	56	9	11	-	67	9
Water and Forestry (ISA)	16	2	2	-	18	2
Total	313	30	14	-	327	30

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Benin	2
Burkina Faso	39
CAR	1
Chad	8
Comores	2
Mauritania	4
Senegal	6
Togo	1
Total	63

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Core Program	18 hrs.	18 hrs.
Agriculture (DTS)	28 hrs.	4-12 hrs.
Animal Husbandry (DTS)	28-30 hrs.	2-8 hrs.
Water and Forestry (DTS)	16-24 hrs.	8-16 hrs.
Rural Engineering (DTS)	24-32 hrs.	4 hrs.
Agriculture (ISA)	18 hrs.	13-18 hrs.
Animal Husbandry (ISA)	18 hrs.	12-18 hrs.
Water and Forestry (ISA)	18 hrs.	12-19 hrs.

INTERNSHIP: Students in the DTS program organize and coordinate agricultural projects in the third year. Students in all fields and at both levels spend the second semester of the fourth year in practical training.

Students in the ISA animal husbandry program spend 45 days in rural development work in their villages during summer vacation after the second year; 60 days after the third year; and 180 days during the fourth year, including time to prepare a final paper.

FACULTY QUALIFICATIONS: Professor or Assistant
 Professor: Doctorat 3ème Cycle and 3 years of experience;
 Assistant: Diplôme d'Ingénieur des Sciences Appliquées.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	10	-	6	-	16	1
Maîtrise	14	-	-	-	14	-
Ingénieur	18	3	-	-	18	3
Licence	8	-	-	-	8	-
Technicien	16	4	-	-	16	4
Total	66	7	6	1	72	8

Facilities and Services

Classrooms	15 classrooms of 40-50 places each
Laboratories	7 agricultural science labs
Library	5,000 volumes
Housing	Foreign students are housed off-campus

OTHER SERVICES: IPR has a 380-hectare farm.

COOPERATION WITH

- OTHER INSTITUTIONS/
ORGANIZATIONS:
1. Université Patrice Lumumba, Moscow
 2. Food and Agricultural Organization (FAO)

ADDITIONAL INFORMATION: For information on agriculture, water and forestry, and rural engineering, contact the Directeur des Etudes, IPR in Koulikoro. For information on animal husbandry, contact the IPR annex in Bamako.

NAME OF INSTITUTION: CENTRE REGIONAL DE FORMATION ET
D'APPLICATION EN AGROMETEOROLOGIE ET
HYDROLOGIE (CENTRE AGRHYMET)

MAILING ADDRESS: B.P. 11011
Niamey, Niger

TELEPHONE: 73-31-16

TELEX: 5232 Niamey

SUPERVISORY AUTHORITY: The Executive Committee of the AGRHYMET program is under the authority of the Comité Inter-Etats de la Lutte Contre la Sécheresse au Sahel (CILSS); member states are Burkina Faso, Cape Verde, Chad, Gambia, Mali, Mauritania, Niger, and Senegal. AGRHYMET is certified by the Government of the Republic of Niger.

FUNDING SOURCE: CILSS, through contributions of member states; United Nations Development Program (UNDP); United Nations Sahelian Organization (UNSO); Belgium; The Federal Republic of Germany; France; The Netherlands; Switzerland; United States; Government of the Republic of Niger

DATE FOUNDED: 1975

TRAINING PROGRAM: Agricultural Hydrology and Agrometeorology

FIELDS OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Instruments	Technicien Supérieur		
Agricultural/ Hydrology/	Technicien Supérieur	Baccalauréat Series C or D or entrance examination at Baccalauréat level	2 years
Agrometeorology	Technicien Supérieur Ingénieur des Travaux	DUES, DEUG from a faculty of science, or DUT	

COURSE DESCRIPTION: The objective of AGRHYMET is to develop professional agrometeorologists and agrohydrologists for the CILSS member states. The course work at AGRHYMET gives students the basic knowledge and skills to use meteorological and hydrological data for a better understanding of their long- and short-term effects on agricultural production. Agrometeorology is a comparatively new academic field which consists of the study of the influence of climate on soil, vegetation, animals and agricultural production, and the influence of soils, surface water, vegetation, animals, and agricultural practices on the atmosphere.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Sending countries must present their candidates to the World Meteorological Organization (WMO) through the local UNDP office by September 30. The WMO and AGRHYMET process admission applications and select candidates.

FINANCIAL REQUIREMENTS: For students from countries which are not members of CILSS:
Tuition: 600,000 F CFA/year
Lodging in Dormitory (on-campus): 10,000 F CFA/month

Students from CILSS member states receive a UNDP scholarship. This scholarship covers all expenses and provides U.S. \$30 a month for books and materials. The total amount of the scholarship was unspecified.

INSTITUTIONAL PROFILE: LOCATION: Niamey, urban area

Student Enrollment by Level and Field of Study, 1984

LEVEL AND FIELD OF STUDY	Total	
	Male	Female
Technicien Supérieur Agrometeorology	14	
Technicien Supérieur Hydrology	19	
Total	33	

Graduates by Level and Field of Study, 1984

LEVEL AND FIELD OF STUDY	TOTAL	
	Male	Female
Technicien Supérieur Instruments	17	
Technicien Supérieur Hydrology	18	
Total	35	

Foreign Student Enrollment

COUNTRY OF ORIGIN	1984-1985	1983-1984
Benin	1	2
Burkina Faso	2	2
Cameroon	-	1
Cape Verde	2	-
CAR	-	2
Chad	4	2
Ivory Coast	-	1
Gambia	1	1
Guinea	-	1
Mali	1	-
Niger	2	7
Zaire	1	-
Total	14	19

INTERNSHIP: All options have 2 months of field work in the student's home country under the supervision of a CILSS-related institution/project. For practical experience, students are assigned parcels of land to cultivate.

COMPUTER TRAINING: Students in agrometeorology and hydrology receive computer training at AGRHYMET's high frequency radio network that feeds daily meteorological reports from eight countries into a sophisticated computer system.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students in the instrument program learn the repair and maintenance of hydrological and agrometeorological equipment.

FACULTY QUALIFICATIONS: All Professors are university graduates with a minimum of 5 years of professional experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	-	-	1	-	1	-
Ingénieur de Conception	2	-	1	-	3	-
Licence	-	-	4	-	4	-
Total	2	-	6	-	8	-

Facilities and Services

Classrooms	4 classrooms with a total of 100 places
Laboratories	5 labs (types unspecified)
Library	2,500 volumes
Housing	Available on-campus
Transportation	Available between the Center and downtown Niamey
Health Care	A nurse available through the Center; hospital facilities located nearby
Foreign Student Counselor	Conducted by faculty and administration
Bookstore	On-campus

OTHER SERVICES: Sports and French language classes for Portuguese speaking students.

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:

1. World Meteorological Organization (WMO), Switzerland
2. Office de la Recherche Scientifique et Technique d'Outre-Mer (ORSTOM), France

ADDITIONAL
INFORMATION: A brochure is available from the Director of AGRHYMET.

NAME OF INSTITUTION: **ECOLE DES CADRES DE L'ELEVAGE (ECE)**

MAILING ADDRESS: B.P. 10750
Niamey, Niger

TELEPHONE: 73-20-08

SUPERVISORY AUTHORITY: Ministère du Développement Rural, Government of the
Republic of Niger

FUNDING SOURCE: Government of the Republic of Niger; World Bank; United Nations Development Program (UNDP)

DATE FOUNDED: 1980

TRAINING PROGRAM: Animal Husbandry

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Animal Husbandry	Agent Technique	BEPC	2 years
		BEPC	4 years
	Technicien	Agent Technique and entrance examination	2 years

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent by May 1 to ECE or the Directeur de la Formation, Ministère du Développement Rural. Applications are processed through the Commission Nationale d'Orientation, the Board of Directors of ECE, and the Ministère du Développement Rural.

FINANCIAL REQUIREMENTS: Tuition: 400,000 F CFA/year
Housing (on campus): 250-300,000 F CFA/year
Estimated Cost of Living in Niamey (includes housing and food): 60,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Niamey, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agent Technique	91	17	5	-	96	17
Technicien	46	-	-	-	46	-
Total	137	17	5	-	142	17

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agent Technique	36	7	5	-	41	7
Technicien	26	-	-	-	26	-
Total	62	7	5	-	67	7

FOREIGN STUDENT ENROLLMENT: There were five students from Djibouti enrolled in 1983-1984.

INTERNSHIP: Students in both levels spend 2 months working in a rural environment or in slaughterhouses and clinics.

FACULTY QUALIFICATIONS: Professor: Doctorat Vétérinaire; Associate Professor: technical background and teaching experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat Vétérinaire	3	-	4	-	7	-
Ingénieur Agronome	-	-	1	-	1	-
Maîtrise and above	-	-	3	-	3	-
Techniciens	6	-	-	-	6	-
Total	9	-	8	-	17	-

Facilities and Services

Classrooms	1 amphitheatre with approximately 200 places
Laboratories	4 labs (anatomy, animal health, animal production, and veterinary clinic), irrigated fields
Library	Number of volumes unspecified
Housing	Limited dormitory space on-campus

ADDITIONAL INFORMATION: Contact the Director of ECE for additional information.

GENERAL INFORMATION: ECE is the continuation of the Ecole des Assistants des Agents Techniques de l'Élevage, which was created in 1971. At the time of the study, the school was located in Niamey, but plans were underway to relocate the school in Kolo, approximately 90 kms. from Niamey. The new center will include dormitories, dining facilities, an infirmary, a sports complex, and a theater.

NAME OF INSTITUTION: **ÉCOLE DES AGENTS DES EAUX ET FORETS (EAEF)**

MAILING ADDRESS: B.P. 5
Djibelor, Ziguinchor, Senegal

TELEPHONE: 91-12-02

SUPERVISORY AUTHORITY: Secrétariat d'Etat à l'Enseignement Technique et à la Formation Professionnelle, Ministère de l'Education Nationale, Government of the Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal; Coopération Technique Suisse

DATE FOUNDED: 1963

TRAINING PROGRAM: Forestry

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Water and Forestry	Diplôme des Agents Techniques des Eaux et Forêts	BEPC or equivalent and entrance examination	3 years

LANGUAGE: French

ACADEMIC YEAR: Begins October 15

ADMISSION PROCEDURES: Applications should be sent to the Bureau des Examens, Ministère de l'Education Nationale, Dakar, before February.

FINANCIAL REQUIREMENTS: Lodging in Dormitory (off-campus): 6,000 F CFA/month
Food Service (on-campus): 12,000 F CFA/month
Books and Materials: 60,000 F CFA/year
Estimated Cost of Living in Ziguinchor (includes housing and food): 35,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Ziguinchor, approximately 600 kms. from Dakar in southern Senegal, rural area

Student Enrollment by Year of Study, 1983-1984

YEAR OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Year	7	-	3	-	10	-

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Water and Forestry	28	-	-	-	27	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983
Guinea Bissau	3	2

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
First Year	16 hrs.	20 hrs.
Second Year	21 hrs.	15 hrs.
Third Year	19 hrs.	16 hrs.

INTERNSHIP: In the first year, there is a 45-day internship in woodlots. During the second year, students have a 60-day winter planting internship. All classes have a 7-day field trip each year.

REPAIR AND MAINTENANCE OF EQUIPMENT: Available but unspecified.

FACULTY QUALIFICATIONS: Professor: Ingénieur des Eaux et Forêts and 5 years of experience; Instructors: Agent Technique and 5 years of experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur	7	-	2	-	9	-
DUES, DUT, or equivalent	3	-		-	3	-
Agent Technique	2	-	1	-	3	-
Total	12	-	3	-	15	-

Facilities and Services

Classrooms	3 classrooms of 30 places each
Laboratories	1 lab (type unspecified)
Library	Faculty library contains 450 volumes; student library contains 140 volumes
Transportation	On bicycles
Housing	Organized by school off-campus
Health Care	On-campus
Food Service	On-campus
Bookstore	Books available on-campus

ADDITIONAL INFORMATION: Contact the Secrétariat d'Etat à l'Enseignement Technique et à la Formation Professionnelle, Dakar, for additional information.

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NAME OF INSTITUTION: ECOLE INTER-ETATS DES SCIENCES ET MEDECINE
VETERINAIRE DE DAKAR (EISMV)

MAILING ADDRESS: B.P. 5077
Dakar, Senegal

TELEPHONE: 23-05-45

CABLE: 403 INTERVET

SUPERVISORY AUTHORITY: EISMV is managed by a Board of Directors composed of representatives of the member states--Benin, Burkina Faso, Cameroon, CAR, Chad, Congo, Ivory Coast, Gabon, Mauritania, Niger, Rwanda, Senegal, and Togo.

FUNDING SOURCE: Member states; each member state contributes 8,188,605 F CFA/year for operating expenses. In addition, those states with students in attendance pay 1,148,058 F CFA/student/year.

DATE FOUNDED: 1968

TRAINING PROGRAM: Veterinary Medicine

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Preparatory Study Program	Certificat Préparatoire aux Etudes Vétérinaires (CPEV)	Baccalauréat Series C or D or equivalent	1 year
Veterinary Medicine	Diplôme de Docteur-Vétérinaire	CPEV, Diplôme Universitaire d'Etudes Scientifiques (DUES) in Biology/Chemistry, or admission to the entrance examination of the Ecoles Nationales Vétérinaires Françaises	5 years

COURSE DESCRIPTION: EISMV's training includes those areas related to the breeding and care of domestic animals, such as zoology, hygiene, medicine, surgery, and pharmacology as well as areas related to the inspection and commercial use of animal and fish byproducts. Research conducted prior to

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establishing the school indicated a need among member countries for veterinarians who were both pathologists and zootechnicians, capable of ensuring the health of livestock as well as contributing to the development of a commercial livestock sector. Consequently, the program emphasizes the breeding and raising of animals for commercial purposes along with sanitation and public health.

The 6-year program begins after the Baccalauréat and includes a preparatory year, 4 years of veterinary studies, and 1 year for thesis preparation. Students receive the diploma following successful defense of their theses.

During the third and fourth years, clinical training is held in the areas of parasitology, medical pathology, anatomy, reproduction, pathology, surgery, and hygiene and sanitation of industries processing animal foodstuffs.

LANGUAGE: French

ACADEMIC YEAR: October - July

ADMISSION PROCEDURES: Applications should be sent to the Director of EISMV before the end of September. Final selection of candidates is the responsibility of the Director of EISMV. Beginning in 1985-1986, each member state will be allowed to enroll four students in the Veterinary Medicine Program. All candidates must have scholarships and be presented by their respective governments. The sponsoring government must also contribute to the operating expenses of EISMV as shown above. The cost of both the scholarship and the operating expenses may be paid by the sponsoring organization.

FINANCIAL REQUIREMENTS: Registration Fee: 3,700 F CFA/year
Lodging in Dormitory (on-campus): 3,250 F CFA/month
Food Service (on-campus): 5,000 F CFA/month
Estimated Cost of Living in Dakar (includes housing and food): 60,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Dakar, Université de Dakar campus, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	TOTAL	
	Male	Female
First Year	62	1
Second Year	55	5
Third Year	62	5
Fourth Year	39	1
Thesis Year	25	4
Total	243	16

Graduates by Level of Study, 1984

LEVEL OF STUDY	TOTAL	
	Male	Female
Diplôme de Docteur Vétérinaire	26	3

Student Enrollment by Country of Origin

COUNTRY OF ORIGIN	1982-1983	1981-1982	1980-1981
Benin	15	17	19
Burkina Faso	35	30	23
Cameroon	24	20	14
CAR	2	-	-
Chad	3	4	3
Congo	11	8	5
Ethiopia	3	3	1
France	1	1	1
Gabon	2	-	-
Ivory Coast	3	2	1
Mali	1	-	-
Mauritania	4	5	3
Niger	28	22	16
Rwanda	19	14	8
Senegal	64	60	54
Togo	8	10	9
Total	223	196	157

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CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER YEAR	
	Classroom	Practicum
First Year	365 hrs.	323 hrs.
Second Year	345 hrs.	356 hrs.
Third Year	323 hrs.	48 hrs. and clinical work
Fourth Year	261 hrs.	clinical work

INTERNSHIP: At the end of the second year, students return home for a 1-month internship with the animal breeding service of the Ministry of Agriculture.

FACULTY QUALIFICATIONS: Full and Associate Professor: Diplôme de Docteur Vétérinaire, Agrégation and pass an examination; Assistant: Diplôme de Docteur Vétérinaire is required for certain positions only.

Full-Time/Part-Time Faculty by Position/Degree

POSITION/DEGREE	FULL-TIME		PART-TIME		TOTAL	
	Male	Female	Male	Female	Male	Female
Professeur	1	-	12	-	13	-
Doctorat Vétérinaire	1	-	4	-	5	-
Maître de Conférence	1	-	1	7	2	7
Maître Assistant	9	-	5	1	14	1
Assistant	7	1	1	-	8	1
Moniteur	11	1	-	-	11	1
Total	30	2	23	8	63	10

Facilities and Services

Classrooms	2 amphitheatres of 65 places each, 2 classrooms of 42 and 50 places
Laboratories	10 labs of 20 places each, including pharmacy/toxicology; physics/chemistry; histology; physiology; parasitology/zooology; medical pathology; production of foodstuffs of animal origin; reproductive pathology; microbiology/immunology. Practical training is also conducted at slaughterhouses and in rural areas. An experimental farm was under construction during the time of this study.
Library	1,200 volumes, 4,500 theses, 57 periodical subscriptions
Housing	Limited housing available on campus, additional housing available in Dakar
Transportation	Reduced fares for transportation between campus and Dakar
Health Care	
Food Service	These services are available through the <u>Centre des Oeuvres Universitaires de Dakar (COUD)</u>
Foreign Student Counselor	

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Faculty of Veterinary Medicine, Saint Hyacinthe, Quebec
 2. Ecoles Nationales Vétérinaires Françaises, Toulouse, Nantes, Alfort, and Lyon, France

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director of EISMV.

NAME OF INSTITUTION: **INSTITUT NATIONAL DU DEVELOPPEMENT RURAL (INDR)**

MAILING ADDRESS: B.P. 296 RP
Thies, Senegal

TELEPHONE: 51-18-24

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la Recherche Scientifique, Government of the Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal; World Bank; European Economic Community (EEC); Caisse Centrale de Coopération Economique (CCCE), France; Administration Générale de la Coopération au Développement (AGCD), Belgium; Food and Agricultural Organization (FAO)

DATE FOUNDED: 1980

TRAINING PROGRAM: Agriculture and Rural Development

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Rural Engineering</u>		Baccalauréat and entrance examination; admission into 2nd year of program requires	5 years
<u>Water and Forestry</u>	Ingénieur Agronome	Ingénieur des Travaux Agricoles, 5 years of experience, and professional examination	
<u>Fish Culture</u>			
<u>Animal Husbandry</u>			
<u>Agriculture</u>			
<u>Rural Economics</u>			

TRAINING PROGRAM: Continuing Education Program

COURSES	LENGTH	NO. OF SESSIONS PER YEAR	DATES
<u>Refresher course in management and administration for Ingénieur Agronome and Ingénieur des Travaux d'Application</u>	20 days	12	monthly

COURSE DESCRIPTION: All degree programs consist of a 2-year core studies program and 3 years of specialized study. The objective of the continuing education program is to train Senegalese agricultural engineers who have been educated abroad to work in the Senegalese and African context.

LANGUAGE: French

ACADEMIC YEAR: Degree programs: January - November

ADMISSION PROCEDURES: Applications should be sent to the Director of IDR before April. Foreign students must have a scholarship of 500,000 F CFA to be admitted. Applications for the continuing education program should be sent to the Directeur des Stages et de la Formation Permanente 1 month before the course begins.

FINANCIAL REQUIREMENTS: The scholarship of 500,000 F CFA/year covers the following expenses: tuition, housing and subsistence on-campus, and books and materials.

INSTITUTIONAL PROFILE: LOCATION: Thiès, 70 kms. east of Dakar, rural area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL	
	Male	Female
First Year	10	-
Second Year	7	-
Third Year	12	-
Fourth Year	9	-
Total	38	-

CLASSROOM/PRACTICUM: For all fields of study, there is a total of 36 hours/week--18 in class and 18 in practicum.

INTERNSHIP: Following the entrance examination, students spend 1 month working in a rural environment. During the first year, they spend 3 months practicing traditional farming methods and an additional 3 weeks studying a rural environment. Second-year students spend 3 weeks working with the Agricultural Inspection Service and 3 months farming with animal traction. During the third year, they spend 3 weeks working with a development organization and 3 months on a mechanized farm.

COMPUTER TRAINING: Available but unspecified.

REPAIR AND MAINTENANCE OF EQUIPMENT: Repair and maintenance of machinery is studied in the rural engineering program.

FACULTY QUALIFICATIONS: Professor: Ph.D., Doctorat d'Etat or Ingénieur Agronome with 5 years of experience; Associate Professor: experience as professor in a recognized institution; Assistants: Ingénieur Agronome.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	2	-	3	-	5	-
Doctorat 3ème Cycle	-	-	7	1	7	1
Ingénieur Agronome	1	-	4	-	5	-
Total	3	-	14	1	17	1

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	-	-	3	-	3	-
Doctorat 3ème Cycle	3	3	-	-	3	3
Ingénieur Agronome	-	2	3	-	3	2
Maîtrise	2	-	-	-	2	-
Total	5	5	6	-	11	5

Facilities and Services

Classrooms	2 classrooms of 60 places each, 1 of 45, 1 of 25, 3 of 15, and 7 of 12 places each
Laboratories	3 vegetable production labs, 2 animal production labs, 2 soil science labs, and a rural engineering machine shop
Library	800 volumes
Housing	Available on-campus
Health Care	On-campus
Food Service	On-campus
Bookstore	On-campus

- COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:
1. Institut National d'Agriculture (INA), Paris
 2. Institut Agronomique de Gembloux, Belgium
 3. Institut Agricole et Vétérinaire Hassan II, Morocco
 4. Association des Facultés d'Agronomie d'Afrique (AFAA)
 5. Laval University, Quebec, Canada

ADDITIONAL INFORMATION: A brochure is available from the Directeur des Etudes, INDR.

NAME OF INSTITUTION: ECOLE SUPERIEURE D'AGRONOMIE (ESA)

Université du Bénin

MAILING ADDRESS: Université du Bénin
B.P. 1515
Lomé, Togo

TELEPHONE: 21-41-97

CABLE: 5258 UNIVERBENIN

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale, Government of the
Republic of Togo

FUNDING SOURCE: Government of the Republic of Togo

DATE FOUNDED: 1972

TRAINING PROGRAM: Agronomy

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Vegetable Production	Ingénieur		
Animal Production	Agronome (Level Ingénieur de Conception)	Baccalauréat Scientifique Series C, D, E or F	5 years
Agricultural Economics			
Agricultural Mechanization			

LANGUAGE: French

ACADEMIC YEAR: Begins early October (1-5)

ADMISSION PROCEDURES: Applications should be sent to the Service de la
Scolarité, Université du Bénin before October.

FINANCIAL REQUIREMENTS: Registration Fee: 4,250 F CFA
 Tuition: 165,000 F CFA/year
 Lodging in Dormitory (on-campus): 3,000 F CFA/month
 Food Service (on-campus): 6,300 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Lomé, Université du Bénin campus, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Year	131	3	-	-	131	3
Second Year	22	1	-	-	22	1
Third Year	23	-	2	-	25	
Fourth Year	13	1	-	-	13	1
Total	189	5	2	-	191	5

GRADUATES: The first class will graduate in 1986.

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982
Congo	1	1	1
Zaire	1	1	2
Total	2	2	3

INTERNSHIP: First year: 15 days in "Discovering Nature"; second year: 15 days in "Orientation to Rural Environments"; third year: 45 days in multidisciplinary training; fourth year: 45 days in student's area of specialization. Fifth year students spend 6 months preparing a final paper.

COMPUTER TRAINING: Available but unspecified.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat and 4 years of teaching experience; Associate Professor: Doctorat de Spécialité and 2 years of teaching experience; Assistant: Doctorat 3ème Cycle or Diplôme d'Ingénieur Agronome.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur Agronome and above	12	-	2	1	14	1

Facilities and Services

Classrooms	7 classrooms ranging from 30 to 150 places each
Laboratories	1 research lab, 3 practical training labs, and an agricultural teaching farm
Library	1,000 volumes
Housing	
Transportation	These services are available through the Centre National des Oeuvres Universitaires, Université du Bénin
Health Care	
Restaurant	
Foreign Student Counselor	

COOPERATION WITH OTHER INSTITUTIONS /ORGANIZATION: Association des Facultés d'Agronomie d'Afrique (AFAA) Rabat, Marocco

ADDITIONAL INFORMATION: Contact the Directeur des Affaires Académiques de la Recherche et de la Scolarité, Université du Bénin for additional information.

NAME OF INSTITUTION: **INSTITUT SUPERIEUR POLYTECHNIQUE (ISP)**

Université de Ouagadougou

MAILING ADDRESS: B.P. 7021
Ouagadougou, Burkina Faso

TELEPHONE: 340-75/324-02

TELEX: 5270 UV UNIOUAGA

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of
Burkina Faso

FUNDING SOURCE: Government of Burkina Faso

DATE FOUNDED: 1973

TRAINING PROGRAM: Rural Development/Natural Sciences

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENT	LENGTH
Biology	Diplôme Universitaire d'Etudes Biologiques (DUEB)	Baccalauréat C and D and entrance examination	2 years
Rural Development (Agriculture)	Diplôme d'Ingénieur des Techniques du Dé- veloppement Rural (ITDR)	Baccalauréat C and D and entrance examination	3 years
	Diplôme d'Ingénieur du Développement Rural (IDR)		5 years

COURSE DESCRIPTION: The DUEB in biology is a recent addition to the curriculum. ISP also plans to develop a 4-year, Maîtrise-level program in biology.

The first year of the rural development option is a basic studies program common to both levels. At the end of the first year, students must pass a competitive examination which determines whether they pursue the IDR or ITDR.

Students pursuing the 5-year IDR receive the DUEB at the end of the second year. The next 2 years consist of instruction and practical training in one of three options: agronomy, animal husbandry, or water and forestry. Courses common to all three options are climatology, irrigation, soil conservation, soil sciences, zoology, botany, hydrology, topography, and economics and management. The fifth year is devoted to specialized practical training and the preparation of an end-of-study paper.

Students in the second and third years of the ITDR program specialize in agronomy, animal husbandry, or water and forestry.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Rector of the University and the Admissions Office of ISP before May. ISP offers scholarships to foreign students who are nominated by their respective governments. It also provides scholarships to refugees.

FINANCIAL REQUIREMENTS: Registration Fee: 4,000-6,000 F CFA/year
Lodging in Dormitory (on-campus): 10,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
DUEB	143	28	4	-	147	28
Ingénieur des Techniques	58	3	5	-	63	3
Ingénieur	251	24	16	1	267	25
Total	452	55	25	1	477	56

GRADUATES BY LEVEL OF STUDY, 1984: Thirty-two students graduated from the ITDR program.

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Benin	2
CAR	1
Chad	13
Comores	3
Congo	2
Niger	1
Rwanda	4
Total	26

INTERNSHIP: Students in the ITDR program have internships during the second and third years. IDR students have a 3-month internship at the end of the second year which is designed to give them an introduction to rural environments. During the fifth year of the IDR program, students participate in a production-oriented practicum.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	6	-	-	-	6	-
Doctorat 3ème Cycle/Ingénieur	43	3	-	-	43	3
Maîtrise	1	-	-	-	1	-
Total	50	3	-	-	50	3

Facilities and Services

Classrooms	10 classrooms with 50 places each, an amphitheater with 300 places
Laboratories	9 labs, including animal physiology, vegetable physiology, animal biology, botany, chemistry, biochemistry, and physics; a 400-hectare experimental station in Gampela, 20 kms. from Ouagadougou
Library	50 volumes
Housing	
Transportation	These services will be available when the <u>Cité Universitaire</u> opens in Autumn 1985.
Health Care	
Food Service	
Foreign Student Counselor	

OTHER SERVICES: Recreational facilities are available.

ADDITIONAL INFORMATION: A brochure is available from the Director of ISP.

NAME OF INSTITUTION: **FACULTE D'AGRONOMIE**

Université de Niamey

MAILING ADDRESS: B.P. 10960
Niamey, Niger

TELEPHONE: 73-22-90

TELEX: UNINIM 5258 NI

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la Recherche Scientifique, Government of the Republic of Niger

FUNDING SOURCE: Government of the Republic of Niger

DATE FOUNDED: 1971

TRAINING PROGRAM: Agriculture

LEVEL	DIPLOMA/DEGREE	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Ingénieur d'Application	Diplôme d'Ingénieur des Techniques Agricoles	Civil Servant (Category B1) from the Ministry of Agriculture and professional entrance examination	4 years
Ingénieur de Conception	Maîtrise en Sciences Agronomiques Ingénieur Agronome	DUES in Agronomy from a Faculty of Science	<u>2 years</u> <u>3 years</u>

COURSE DESCRIPTION: The Ingénieur d'Application program is designed primarily for experienced technicians in agricultural services. The program consists of two 2 year cycles.

The Ingénieur de Conception program consists of three cycles. The first cycle (2 years) is conducted at the Faculté des Sciences; the second and third are at the Faculté d'Agronomie. The second cycle takes 2 years and leads to the Maîtrise; the third cycle is of an indefinite length but requires a minimum of 1 year of study. Entrance requirements for the third cycle are established by the Rector of the University, but only individuals with a Maîtrise may enroll.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Service Central de la Sclolarité, Université de Niamey by June. Candidates should submit a birth certificate, copies of diplomas, two photographs, a handwritten request for admission, two copies of the application form and an application fee of 5,000 F CFA.

FINANCIAL REQUIREMENTS: Application Fee: 5,000 F CFA
Lodging in Dormitory and Food Service (on-campus): 12,000 F CFA/month
Estimated Cost of Living in Niamey (includes housing and food): 35,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Niamey, urban area

Student Enrollment by Level of Study, 1983

LEVEL OF STUDY	TOTAL	
	Male	Female
Ingénieur d'Application		55
Ingénieur de Conception		74
Total		129

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	-	1	3	2
Burkina Faso	-	9	18	36
Chad	-	1	-	-
Congo	1	-	-	-
France	-	-	-	1
Ivory Coast	1	-	-	-
Mali	-	-	-	2
Senegal	-	-	1	-
Togo	-	-	-	1
Zaire	1	-	1	1
Total	4	11	23	42

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOUR PER WEEK	
	Classroom	Practicum
Ingénieur d'Application	27 hrs.	7 hrs.
Maîtrise Ingénieur	26 hrs.	8 hrs.
Agronome (3rd Cycle)	30 hrs.	10 hrs.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat and publications; Maître de Conférence: Doctorat d'Etat; Maître Assistant: Doctorat 3ème Cycle and publications; Assistant: Minimum of DEA.

Full-Time Faculty by Position

POSITION	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maître Assistant	3	-	1	-	4	-
Assistant	5	-	5	-	10	-
Total	8	-	6	-	14	-

Part-Time Faculty by Position

POSITION	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maître de Conférence	-	-	3	-	3	-
Maître Assistant	-	-	1	-	1	-
Assistant	5	-	-	-	5	-
Total	5	-	4	-	9	-

Facilities and Services

Classrooms	8 classrooms and an amphitheater with a total of 500 places
Laboratories	3 research labs
Library	2 University libraries with a total of 16,000 volumes
Housing	
Transportation	
Health Care	These services are available through the Centre des Oeuvres Universitaires (COU), Université de Niamey.
Food Service	
Foreign Student Counselor	

OTHER SERVICES: COU facilities include 12 dormitories, 2 restaurants, an infirmary, a cafeteria, a social center and a sports complex. COU also manages students' scholarships. Admission to COU requires separate application. All services are available to students' families.

COOPERATION WITH
INSTITUTIONS/
ORGANIZATIONS:

1. Université de Dijon, France
2. Faculté d'Agronomie de l'Université de Paris VII, France
3. Faculté d'Agronomie de l'Université de Tours, France

ADDITIONAL
INFORMATION: The 1984-1985 University catalog is available from the Service de la Scolarité, Université de Niamey.

NAME OF INSTITUTION: CENTRE REGIONAL DE TELEDETECTION DE
OUAGADOUGOU (CRTO)

MAILING ADDRESS: B.P. 1762
Ougadougou, Burkina Faso

TELEPHONE: 350-91
351-39

CABLE: CRETED 5322 UV

FUNDING SOURCE: United Nations Development Program (UNDP); Food and
Agriculture Organization (FAO); Fonds Européen de
Développement (FED)

DATE FOUNDED: 1977

TRAINING PROGRAM: Short-term training in Aerial photography

COURSES	LENGTH	NO. OF SESSIONS	
		PER YEAR	DATES
Aerial Photography (Introductory Course)	3 months	2	April and September
Aerial Photography (Advanced Course)	3 months	2	December and June
Aerial Photography (Refresher Courses)	6-24 months		on-demand

COURSE DESCRIPTION: The introductory and advanced courses are open to Ingénieurs and Techniciens Supérieurs. The introductory phase covers basic principles of aerial photography. Selected students may then enter the advanced phase for an additional 3 months to perfect and apply their understanding and skills. Students design projects based on their own work situations and problems. Students also prepare technical reports which may be published by CRTO. Refresher courses are open only to engineers who are highly qualified in aerial photography.

LANGUAGE: French

ADMISSION PROCEDURES: Applications should be submitted 3 months prior to the beginning of the introductory and advanced courses.

Applications should be sent to the Director, CRTO and should include a general medical certification as well as certification from an ophthalmologist attesting to the candidate's normal vision (with or without eyeglasses) and ability to discern colors.

FINANCIAL REQUIREMENTS: The total cost of the introductory or advanced course is 1,500,000 F CFA. This amount covers all expenses (tuition, housing, food, pocket money, materials, field visits, and local transportation). The money is held by the institution and monthly allowances are distributed to the students. Eighty percent of health care costs are covered by the school.

INSTITUTIONAL PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Introductory and Advanced Courses	2	-	12	-	14	-

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Introductory Course	-	-	4	-	4	-
Advanced Course	-	-	4	-	4	-
Total	-	-	8	-	8	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Benin	1
Cameroon	1
CAR	2
Mali	2
Niger	1
Senegal	2
Togo	3
Total	12

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	FULL-TIME		PART-TIME		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur de Conception	1	-	-	-	1	-
Ingénieur d'Application	3	-	-	-	3	-
Brevet Technicien Supérieur	1	-	-	-	1	-
Total	5	-	-	-	5	-

Facilities and Services

Classrooms	2 classrooms (number of places unspecified)
Laboratories	1 aerial photography lab
Transportation	Available between campus and downtown Ouagadougou
Health Care	Small unit on-campus
Foreign Student Counselor	Conducted by faculty and administration

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director,
CITO.

GENERAL INFORMATION: CITO plans to offer a 9-month degree program in 1985-1986.

NAME OF INSTITUTION: CENTRE REGIONAL DE FORMATION
PHYTOSANITAIRE DE YAOUNDE (CREFPHY)

MAILING ADDRESS: B.P. 2082
Messa/Yaounde, Cameroon

TELEPHONE: 22-29-98

SUPERVISORY AUTHORITY: Ministère de l'Agriculture, Government of the Republic of
Cameroon. CREFPHY has a semi-autonomous status.

FUNDING SOURCE: Government of the Republic of Cameroon

DATE FOUNDED: 1984

TRAINING PROGRAM: Vegetable/Plant Protection

COURSE DESCRIPTION: CREFPHY regularly organizes a series of three 2-week training sessions in the field of vegetable/plant protection. The priority clientele of the Center are personnel of African ministries of agriculture and private companies using pesticides. Applicants must hold a Brevet de Technicien (BT) or a Brevet de Technicien Supérieur (BTS). CREFPHY also organizes 1-week training sessions on problems related to a particular geographic region. These training sessions may be organized on request and are held when there is a sufficient number of participants.

LANGUAGE: French

ACADEMIC YEAR: Variable

ADMISSION PROCEDURES: Applications should be sent to the Director of CREFPHY following an initial inquiry about the annual training program.

FINANCIAL REQUIREMENTS: Tuition: None
Government of Cameroon scholarship (including travel allowance): 150,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Messa, a suburb of Yaounde

STUDENT ENROLLMENT: There was a total of 50 Cameroonians enrolled in 1984, 45 males and 5 females.

CLASSROOM/PRACTICUM: There are 17 hours of classroom activity and 18 hours of practical training per week. The latter takes place in the field.

REPAIR AND MAINTENANCE OF EQUIPMENT: Participants are trained in the repair and maintenance of atomisers.

Full-Time Staff and Faculty by Diploma/Degree

DIPLOMA/DEGREE	Male	Female
Ingénieur Agronome	4	-
Technicien Supérieur	1	-
Baccalauréat	2	-
Total	7	-

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL	
	Male	Female
Technicien Supérieur	3	-

Facilities and Services

Classrooms	2 classrooms of 20 and 30 places
Laboratories	1 phytopathology lab and 1 audiovisual lab
Library	Number of volumes unspecified
Housing	Dormitory with 25 beds on-campus
Transportation	Available between Messa and Yaounde
Food Service	On-campus

ADDITIONAL INFORMATION: Brochures are available from the Office of the Director, CREFPHY.

GENERAL INFORMATION: CREFPHY is the continuation of a USAID project.

NAME OF INSTITUTION: CENTRE DE RECHERCHE ET D'ELEVAGE
D'AVETONOU (CREAT)

MAILING ADDRESS: CREAT
Avetonou, Togo

SUPERVISORY AUTHORITY: Ministère du Développement Rural, Government of the Republic of Togo

FUNDING SOURCE: Gesellschaft für Technische Zusammenarbeit (GTZ), Federal Republic of Germany

DATE FOUNDED: 1969

TRAINING PROGRAM: On-the-job training in Animal Production

FIELDS OF TRAINING	LENGTH	NO. OF SESSIONS	
		PER YEAR	DATES
Cattle, Pig, and Poultry Breeding	6 months (for three Programs)	3 overlapping sessions	Vary
Production and Preparation of Animal Feed			
Veterinary Care			

COURSE DESCRIPTION: CREAT is a research center which offers training activities. CREAT is open to children of farmers and herders and to children of civil servants who want their children to become more efficient livestock producers. The students are trained by working on CREAT's farm under the instruction and supervision of CREAT's staff.

LANGUAGE: French

ACADEMIC YEAR: A new session begins about every 4 months.

ADMISSION PROCEDURES: Applications should be sent to the Director of CREAT; however, CREAT will not have space available until 1987. CREAT accepts three or four foreign students per session. Candidates must have a certificate of elementary education.

FINANCIAL REQUIREMENTS: There are no financial requirements for foreign students except travel expenses. Participants receive an allowance of 250 F CFA/day as salary. Housing is free, and they make arrangements with local inhabitants for their food.

Estimated Cost of Living in Avetonou (includes housing and food): 50,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Village of Avetonou, 80 kms. north of Lomé, rural area

STUDENT ENROLLMENT, 1984: A total of 24 Togolese was enrolled in 1984, 21 males and 3 females.

CLASSROOM/PRACTICUM: The 40-hour week is divided into 3 hours of classroom and 37 hours of practical training.

INTERNSHIP: On-the-job training takes place on CREAT's farm and ranch.

REPAIR AND MAINTENANCE OF EQUIPMENT: Participants are trained to repair and maintain tractors and other agricultural equipment.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur Vétérinaire	10	-	-	-	10	-
Agent Technique	6	-	-	-	6	-
Total	16	-	-	-	16	-

Facilities and Services

Library	500-600 volumes
Housing	Dormitory with 28 beds at CREAT
Health Care	Small infirmary at CREAT

ADDITIONAL
INFORMATION: A brochure is available from the Director of CREAT.

HEALTH



NAME OF INSTITUTION: **CENTRE D'ENSEIGNEMENT SUPERIEUR EN SOINS INFIRMIERS (CESSI)**

Centre Universitaire en Soins de Santé (CUSS)
Université de Yaoundé

MAILING ADDRESS: B.P. 155

TELEPHONE: 23-06-51
Yaounde, Cameroon

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la Recherche Scientifique, Government of the Republic of Cameroon.
CESSI is a Cameroonian institution with a regional role.

FUNDING SOURCE: Government of the Republic of Cameroon; World Health Organization (WHO)

DATE FOUNDED: 1972

TRAINING PROGRAM: Higher Education in Nursing

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Nursing	Diplôme de Technicien Supérieur en Soins Infirmiers (TSSI)	Nurse or midwife approved by applicant's government	22 months

COURSE DESCRIPTION: The main components of the program are national health planning, planning and management of nursing care, planning and implementation of a training program, and applied research.

LANGUAGE: French and English

ACADEMIC YEAR: Begins October 15

ADMISSION PROCEDURES: Applications should be sent to the WHO Regional Office (AOM/AFRO, B.P. 6, Brazzaville, Republic of the Congo) via the Ministère de l'Enseignement Supérieur of the applicant's country. WHO will transmit applications to CESSI; applications must arrive at CESSI before the end of May. Final selection is made at CESSI based on the applicant's age, educational background, and experience.

FINANCIAL REQUIREMENTS: Registration Fee: 3,700 F CFA
 Lodging in Dormitory (on-campus): 50,000 F CFA/month
 Books and Materials: 130,000 F CFA/year
 Estimated Cost of Living in Yaoundé (includes housing and food): 135,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Yaounde, urban area

Student Enrollment, 1984

	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Total	24	3	18	6	42	9

Graduates, 1984

	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Total	10	4	7	5	17	9

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	-	-	2	2
Burundi	-	1	-	1
CAR	2	3	-	-
Chad	-	1	1	-
Comores	-	2	-	-
Congo	-	-	1	1
Gabon	2	1	-	-
Ivory Coast	1	-	3	-
Mauritania	2	-	-	-
Niger	2	-	-	-
Rwanda	1	2	-	1
Total	10	10	7	5

INTERNSHIP: During the first year, students spend 6 weeks in a community health care center and 3 weeks in hospital nursing care. In the second year, students spend 3 weeks in a community health care center, 7 weeks in sanitation management, 4 weeks in a training center, and 4 weeks in a center of applied research.

FACULTY QUALIFICATIONS: Faculty members are graduates of CESSI with a Maîtrise or Licence.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maîtrise	2	4	-	1	2	5
Licence	-	2	-	-	-	2
Total	2	6	-	1	2	7

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maîtrise	1	1	-	-	1	1
Licence	1	..	-	-	1	-
Total	2	1	-	-	2	1

Facilities and Services

Classrooms	2 classrooms of 25 places each
Laboratories	Laboratories at CQSS and at internship sites
Library	500 volumes
Transportation	Available between school and internship sites

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Centre d'Enseignement Supérieur en Soins de Santé
Infirmiers (CESSI), Dakar, Senegal

ADDITIONAL
INFORMATION: Contact the Coordinator of CESSI for additional
information.

NAME OF INSTITUTION: **CENTRE UNIVERSITAIRE DE FORMATION EN ENTOMOLOGIE MEDICALE ET VETERINAIRE (CEMV)**

Département de Biologie et de Physiologie de la Faculté des Sciences
 Université Nationale de Côte d'Ivoire

MAILING ADDRESS: 01 B.P. 2597
 Bouaké 01, Ivory Coast

TELEPHONE: 63-22-50

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale, Ministère de la Santé et de la Population, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast; World Health Organization (WHO)

DATE FOUNDED: 1981

TRAINING PROGRAM: Entomology

FIELD OF STUDY	LEVEL/DIPLOMA	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Entomology	<u>Attestation d'Etudes</u>	Maîtrise in Science, Doctorat en Médecine, Doctorat Vétérinaire, Diplôme de Pharmacien, or equivalent and scholarship	1 year
	Diplôme d'Etudes Approfondies (DEA)		2 years

COURSE DESCRIPTION: The program is designed to increase the number of medical and veterinary entomologists from Francophone Africa who can study and control the vectors and hosts of transmittable diseases. The first year of theoretical study includes general entomology, statistics and biometrics, hydrobiology, genetics, and specialized studies of principal human and animal diseases. The second year is divided into three parts: contact with other training institutions (1 month); orientation to research of major diseases and their vectors, including malaria, onchocerciasis, trypanosomiasis, schistosomiasis (3 months); and thesis research and preparation for the DEA (8 months).

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LANGUAGE: French

ACADEMIC YEAR: Begins October 1

ADMISSION PROCEDURES: Applications should be sent to the Director, CEMV, by March 31. They should include the applicant's written request, a curriculum vitae, copies of the Baccalauréat and Diplôme de Fin d'Etudes de 2ème Cycle, birth certificate, health certificate, proof of citizenship, and three photographs. Only candidates showing proof of scholarship will be considered by the Selection Committee. Candidates should submit requests for scholarships to the WHO Regional Office in Brazzaville or to the Directeur du Programme Spécial (TDR) OMS, 1211 Geneve 27, Suisse. Candidates may also attend on scholarships from other sources.

FINANCIAL REQUIREMENTS: Tuition: U.S. \$3,500/year (includes housing and food service on-campus)
Laboratory Fee: U.S. \$2,000/year
The WHO scholarship is U.S. \$600/month for 24 months. Students receive U.S. \$100 for materials at the beginning of the first year and U.S. \$400 for thesis costs in the eighth month of the second year.

INSTITUTIONAL PROFILE: LOCATION: Bouake, 500 kms. from Abidjan, urban area

Student Enrollment by Level of Study, 1984

	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Diplôme d'Etudes Approfondies	3	-	7	-	10	-

Graduates by Level of Study, 1984

	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Diplôme d'Etudes Approfondies	2	-	4	-	6	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982
Benin	1	1	1
Burkina Faso	1	2	1
Cameroon	1	-	-
Chad	-	1	-
Congo	1	-	-
Mali	2	-	-
Senegal	1	-	-
Total	7	4	2

FACULTY QUALIFICATIONS: Faculty are from schools and faculties of the Université Nationale de Côte d'Ivoire and research centers in the Ivory Coast and neighboring countries.

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	FULL-TIME		PART-TIME		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	3	-	15	2	18	2
Doctorat 3ème Cycle	1	-	7	-	8	-
Maîtrise	-	-	1	-	1	-
DUEG	-	-	5	-	5	-
Total	4	-	28	2	32	2

Facilities and Services

Classrooms	1 classroom and 1 workshop (number of places unspecified)
Laboratories	2 labs (types unspecified)
Library	175 textbooks, 25 periodical subscriptions
Transportation	Available between campus and downtown Bouake
Health Care	On-campus

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. World Health Organization
 2. Organisation de Coordination et de Coopération pour la Lutte Contre les Grandes Endémies (OCCGE), Bobo-Dioulasso, Burkina Faso
 3. Office de la Recherche Scientifique et Technique d'Outre-Mer (ORSTOM), France
 4. Centre de Recherche sur les Trypanosomiasés Animales (CRTA), Bobo-Dioulasso, Burkina Faso
 5. Laboratoire de Pathologie Animale de Bingerville, Ivory Coast
 6. Institut Pasteur de Côte d'Ivoire
 7. Institut National de Santé Publique d'Abidjan, Ivory Coast
 8. Université de Paris

Cooperation includes faculty exchange and/or scholarships.

ADDITIONAL INFORMATION: Brochures are available from the Office of the Director, CEMV.

NAME OF INSTITUTION: **ECOLE NATIONALE D'INFIRMIERS ET SAGES-FEMMES (ENISF)**

MAILING ADDRESS: 01 B.P. V-3
Abidjan-01, Ivory Coast

TELEPHONE: 35-78-97

SUPERVISORY AUTHORITY: Ministère de la Santé Publique, Government of the
Republic of Ivory Coast

FUNDING SOURCE: Government of the Republic of Ivory Coast

DATE FOUNDED: 1961

TRAINING PROGRAM: Nursing and Midwifery

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Nursing	Diplôme Infirmier d'Etat (level Technicien)	Baccalauréat sur titre or BEPC and entrance examination	3 years
	Diplôme de Sage Femme (level Technicien)		3 years

LANGUAGE: French

ACADEMIC YEAR: Begin in October

ADMISSION PROCEDURES: Applications should be sent to the Ministère de la
Fonction Publique, Section des Concours et Stages by the
end of June.

FINANCIAL REQUIREMENTS: Lodging in Dormitory (on-campus): 24-30,000 F CFA/month
Books and Materials: 50-60,000 F CFA/year
Estimated Cost of Living in Abidjan (includes housing and
food): 50-60,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Nursing	441	90	-	-	441	90
Midwifery	-	271	-	4	-	275
Total	441	361	-	4	441	365

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Nursing	150	27	-	-	150	27
Midwifery	-	94	-	3	-	97
Total	150	121	-	3	150	124

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	1	2	4	4
Burkina Faso	-	-	-	1
Chad	2	2	1	2
Comores	1	-	2	2
Congo	-	-	-	1
Guinea	1	1	-	-
Guinea-Bissau	-	1	1	1
Liberia	1	1	2	1
Senegal	1	1	-	-
Total	7	8	10	12

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INTERNSHIP: The program includes 28 months of practical training comprising 5 months of nursing, 3 months of surgery, 5 months of general medicine, 3 months of pediatrics, 4 months of obstetrics and gynecology, 5 months of public health, and a 3-month internship during summer vacation in a hospital.

Full-Time Faculty by Title

<u>DIPLOMA/DEGREE</u>	<u>TOTAL</u>
Doctor of Medicine	20
Nurse	50
Midwife	15
Total	85

Facilities and Services

Classrooms	6 large amphitheaters and 3 classrooms (number of places unspecified)
Laboratories	11 practical work stations
Health Care	School is located in a hospital

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:

1. U.S. Agency for International Development
2. World Health Organization (WHO)
3. United Nations International Children's Education Fund (UNICEF)

ADDITIONAL INFORMATION: Contact the Assistant Director of ENISF for additional information.

NAME OF INSTITUTION: CENTRE D'ENSEIGNEMENT SUPERIEUR EN SOINS INFIRMIERS (CESSI)

MAILING ADDRESS: B.P. 7038
Dakar, Senegal

TELEPHONE: 23-00-85

TELEX: COMS UNISANTE
Dakar

SUPERVISORY AUTHORITY: Ministère de la Santé, Government of the Republic of Senegal. CESSI is a Senegalese institution with a regional focus. Representatives of the World Health Organization and the United Nations International Children's Education Fund also sit on CESSI's Board of Directors.

FUNDING SOURCE: World Health Organization (WHO); United Nations International Children's Education Fund (UNICEF); Government of the Republic of Senegal

DATE FOUNDED: 1968

TRAINING PROGRAM: Management of Health Services

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Health Services Management and Health Care Personnel	Diplôme de Fin d'Etudes (Level Technicien Supérieur)	BEPC or equivalent, 3 years of experience as a nurse or mid-wife, and approval by applicant's government	2 years

LANGUAGE: French

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to the WHO Regional Office in Brazzaville for transmittal to CESSI. The deadline for receipt of applications by WHO/Brazzaville is March; applications must arrive at CESSI before May. The application form, WHO No. 52, may be obtained from the WHO Coordinator in the applicant's country; applications must be approved by the Ministry of Health or the Ministry of Education of the applicant's government. Final selection of candidates is made by CESSI's admission panel.

FINANCIAL Tuition: None
REQUIREMENTS: Library Fee: 3,000 F CFA/year
Medical Insurance: 1,000 F CFA/year
Cost of Living in Dakar (includes housing and food):
100,000 F CFA/month

INSTITUTIONAL
PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Year of Study, 1984-1985

YEAR OF STUDY	TOTAL	
	Male	Female
First Year	10	11
Second Year	17	14
Total	27	25

Foreign Student Enrollment

COUNTRY OF ORIGIN	1984-1985
Benin	3
Burkina Faso	2
Burundi	1
CAR	1
Gabon	1
Guinea	4
Ivory Coast	3
Mali	3
Mauritania	5
Niger	2
Rwanda	4
Zaire	1
Total	30

INTERNSHIP: One-third of the first-year program and two-thirds of the second-year program are devoted to internships in hospitals and health care centers in Dakar. The remaining time is divided between classroom activities and practical training.

FACULTY QUALIFICATIONS: Faculty members must be graduates of CESSI and hold a Maîtrise in Education.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maîtrise	4	1	-	1	4	2

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maîtrise		15		4		19

Facilities and Services

Classrooms	2 classrooms of 25 places each and 1 conference room of 25 places
Laboratories	A demonstration room with standard health care equipment
Library	3,000 volumes
Housing	CESSI assists students in locating housing off-campus
Health Care	Infirmery available on-campus

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director, CESSI.

GENERAL INFORMATION: All students at CESSI are on scholarships from WHO and other organizations.

NAME OF INSTITUTION: ECOLE DE SAGES-FEMMES D'ETAT (ESFE)

MAILING ADDRESS: Avenue Pasteur
B.P. 3001 (Hôpital le Dentec)
Dakar-Fann, Senegal

TELEPHONE: 21-24-68

SUPERVISORY AUTHORITY: Ministère de la Santé, Government of the Republic
of Senegal

FUNDING SOURCE: Government of the Republic of Senegal

TRAINING PROGRAM: Midwifery

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Midwifery	Diplôme de Sage-Femme d'Etat	BEPC, entrance examination, and scholarship	3 years

COURSE DESCRIPTION: Courses include nursing care, obstetrics, medicine, pediatrics, human biology, physiology, anatomy, microbiology, administration, psychosociology, ethics, and development of health legislation.

LANGUAGE: French

ADMISSION PROCEDURES: Applications should be sent to the Ministère de la Santé, Dakar before October. Entrance examinations take place in Dakar in March or April. Similar entrance examinations are organized in all Francophone African countries by their ministries of health, and foreign applicants may be accepted sur titre.

The BEPC is a formal requirement of admission; the majority of recent applicants have a Baccalauréat.

FINANCIAL REQUIREMENTS: Tuition: 50,000 F CFA/year
Lodging in Dormitory (on-campus): 44,000 F CFA/month
Estimated Cost of Living in Dakar (includes housing and food): 50,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Year of Study, 1984-1985

YEAR OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Year	-	27	-	-	-	27
Second Year	-	61	-	1	-	62
Third Year	-	41	-	-	-	41
Total	-	129	-	1	-	130

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Sages-Femmes	-	47	-	2	-	49

Foreign Student Enrollment

	1983-1984	1982-1983	1981-1982	1980-1981
Total	4	5	5	4

INTERNSHIP: Students practice in local maternity clinics for 20 hours/week during the first year, 40 hours/week during the second year, and 30 hours/week during the third year.

FACULTY QUALIFICATIONS: Faculty members must be a Docteur en Médecine from the University Hospital or a midwife trained by ESSI, Dakar.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Diplôme de ESSI	-	11	-	-	-	11

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat en Médecine	3	-	3	-	6	-
Doctorat 3ème Cycle	11	-	5	-	16	-
Total	14	-	8	-	22	-

Facilities and Services

Classrooms	3 classrooms with a total of 200 places
Housing	On-campus capacity of 150 beds
Health Care	On-campus
Restaurant	On-campus

ADDITIONAL INFORMATION: Contact the Director, Recherche Planification et Formation, Ministère de la Santé, Senegal, for additional information.

NAME OF INSTITUTION: **INSTITUT NATIONAL DE NUTRITION ET DE
TECHNOLOGIE ALIMENTAIRE (INNTA)**

Ecole Supérieure des Sciences de la Nutrition

MAILING ADDRESS: 11, rue Djebel Lakhdar-Bab Saadoun
Tunis 1002, Tunisia

TELEPHONE: 663-829

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la Recherche
Scientifique, Government of the Republic of Tunisia

FUNDING SOURCE: Government of the Republic of Tunisia

DATE FOUNDED: 1968

TRAINING PROGRAM: Nutrition and Feeding

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Human Nutrition	Diplôme de Technicien Supérieur	Baccalauréat in Mathematics/Science	<u>3 years</u>
Food Technology			<u>3 years</u>

COURSE DESCRIPTION: Students in the human nutrition option study biochemistry, physiology, biology, microbiology, biostatistics, and specialized studies such as therapeutic dietetics, clinical biochemistry, and applied nutrition.

Courses in the food technology program include organic chemistry, microbiology, food industries, and food legislation.

LANGUAGE: French and Arabic

ACADEMIC YEAR: Begins October 1

ADMISSION PROCEDURES: Applications should be sent to the Ministère de l'Enseignement Supérieur et de la Recherche Scientifique by July 31. Students without government or international donor sponsorship must show evidence of ability to pay U.S. \$2,000/year.

FINANCIAL REQUIREMENTS: Insurance: 3 D/year
 Lodging in Dormitory (on-campus): 30 D/month
 Food Service (on-campus): 50 D/month
 Estimated Cost of Living in Tunis (includes housing, food, transportation, and incidentals): 120 D/month

INSTITUTIONAL PROFILE: LOCATION: Tunis, urban area

Student Enrollment by Field and Year of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Human Nutrition						
First year	4	31	1	1	5	32
Second year	4	22	4	1	8	23
Third year	8	23	7	2	15	25
Food Technology						
First year	13	6	1	1	14	7
Second year	4	8	-	2	4	10
Third year	12	10	1	-	13	10
Total	45	100	14	7	59	107

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		TOTAL	
	Male	Female	Male	Female
Human Nutrition	4	29	4	29
Food Technology	7	1	7	1
Total	11	30	11	30

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Burundi	-	-	1	-
Chad	-	-	1	1
Comores	-	3	3	-
Congo	-	-	4	3
Lebanon	-	1	-	-
Mali	1	-	-	-
Morocco	2	1	1	1
Mauritania	-	-	-	1
Niger	-	2	-	-
Syria	-	-	1	-
Total	3	7	11	6

Classroom/Practicum:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Human Nutrition	20 hrs.	10 hrs.
Food Technology	20 hrs.	10 hrs.

INTERNSHIP: Students in the human nutrition program participate in a 9-month internship during the third year in hospitals, maternal and child health care centers, and community health care centers. Students in the food technology option have a 9-month internship in various industries and laboratories.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat; Maître-Assistant: Doctorat 3ème Cycle or DEA and thesis for 3ème Cycle; Assistant: DEA for university graduates and Assistant Examination for university graduates on hospital staff.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	6	1	-	-	6	1
Doctorat 3ème Cycle	7	2	-	-	7	2
Ingénieur	2	2	-	-	2	2
Maîtrise	5	4	-	-	5	4
Total	20	9	-	-	20	9

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1	-	-	-	1	-
Doctorat 3ème Cycle	4	3	-	-	4	3
Ingénieur	1	-	-	-	1	-
Maîtrise	3	-	-	-	3	-
DUES	4	1	-	-	4	1
Total	13	4	-	-	13	4

Facilities and Services

Classrooms	1 classroom of 40 places and 1 classroom of 30 places
Laboratories	1 microbiology lab and 1 chemistry lab
Library	600 volumes

Facilities and Services (Continued)

Housing

Transportation

Health Care

Restaurant

Foreign Student
Counselor

Bookstore

These services are available through the Office National des
Oeuvres Universitaires (housing is provided only for
students on scholarship).

ADDITIONAL INFORMATION: Contact the Director of the Ecole Supérieure des Sciences
de la Nutrition for additional information.

NAME OF INSTITUTION: **ECOLE SUPERIEURE DES SCIENCES DE LA
SANTÉ (ESSSA)**

Université de Ouagadougou

MAILING ADDRESS: B.P. 7021
Ouagadougou, Burkina Faso

TELEPHONE: 33-24-02

CABLE: 5270-UNIV OUAGADOUGOU

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la Recherche
Scientifique, Government of Burkina Faso

FUNDING SOURCE: Government of Burkina Faso

DATE FOUNDED: 1981

TRAINING PROGRAM: Medicine

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Medicine	Doctorat en Médecine	Baccalauréat C or D and nomination by the Commission Nationale d'Orientation	7 years

COURSE DESCRIPTION: ESSSA offers a general medical training program of 7 years. There are no specialized programs. Because the school opened in 1981, only the first 3 years of the program have been completed; however, the seventh year is open to nationals to complete medical studies which they began in foreign universities.

LANGUAGE: French

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to the Ministère de l'Enseignement Supérieur by June. All foreign applicants must be approved by their governments and have scholarships. The number of places reserved for foreign students is very limited.

FINANCIAL REQUIREMENTS: All costs (tuition, housing, books, etc.) are covered by the government scholarships and operating budget of the University. The amount of the scholarship was not specified.

INSTITUTIONAL PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Medicine	154		2		156	

GRADUATES, 1984: Nine students (male) out of the 12 enrolled (of which 2 were female) presented and defended their theses.

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Ivory Coast	1
Niger	1
Total	2

INTERNSHIP: Medical internships begin during the third year at the University hospital.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Docteur en Médecine Agrégé	3	-	-	-	3	-
Docteur en Médecine Spécialiste	19	-	-	-	19	-
Total	22	-	-	-	22	-

Facilities and Services

Classrooms	2 classrooms of 24 places each and 2 classrooms of 40 places each
Laboratories	4 labs (types unspecified)
Library	Number of volumes unspecified
Housing	
Transportation	
Health Care	These facilities and services will be available when the <u>Cité Universitaire</u> opens in 1985.
Food Service	
Foreign Student Counselor	
Bookstore	

ADDITIONAL INFORMATION: Contact the Université de Ouagadougou for additional information.

NAME OF INSTITUTION: ECOLE DE PHARMACIE

Université d'Abidjan

MAILING ADDRESS: 01 BP V34
Abidjan 01, Ivory Coast

TELEPHONE: 44-08-95

CABLE: RECTUNIV ABIDJAN
3469

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast; France

DATE FOUNDED: 1977

TRAINING PROGRAM: Pharmacology

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Pharmacology	Diplôme d'Etat de Docteur en Pharmacie	Baccalauréat Series C and D with honors or equivalent or special entrance examination	5 years

COURSE DESCRIPTION: The program comprises the First and Second Cycles. The First Cycle, 2 years, emphasizes a foundation in science. The Second Cycle, 3 years, includes 2 years of general instruction and 1 year of preselection. Prior to receiving the Diploma, fifth-year students must complete 10 weeks of practical training and write and defend a thesis.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Commission Nationale d'Orientation des Bacheliers, Ministère de l'Education Nationale et de la Recherche Scientifique. Final selection of candidates is made by the Commission. There is a 10% quota for foreign students.

FINANCIAL REQUIREMENTS: Registration Fee: 50,000 F CFA Food Service (on-campus): 75 F CFA/meal
Government Scholarship: 35,000 F CFA/student/year

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Level of Study, 1983

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Year	15	13	2	-	17	13
Second Year	11	11	-	-	11	11
Third Year	14	6	1	-	15	6
Fourth Year	5	8	-	-	5	8
Fifth Year	9	8	-	-	9	8
Total	54	46	3	-	57	46

GRADUATES, 1983: Eight Docteurs en Pharmacie.

Foreign Student Enrollment

COUNTRY OF ORIGIN	1982-1983	1981-1982	1980-1981
African	3	3	3
Others	-	1	3
Total	3	4	6

INTERNSHIP: Students spend 4 weeks during each of the first 4 years in technical training; by year, these internships are spent in a pharmacy, in a rural medical center, in warehouse and inventory management, and in a biology clinic. In the fifth year, students have a 10-week internship in either a biology laboratory or a dispensary.

Full-Time Faculty by Position

POSITION	NATIONAL	FOREIGN	TOTAL
Professeur	-	2	2
Maître de Conférence	3	-	3
Maître Assistant	1	1	2
Assistant	11	2	13
Lecteur/Chercheur	-	1	1
Professeur d'Anglais	-	1	1
Total	15	7	22

In addition, the following faculties make teaching staff available to the Ecole de Pharmacie: Faculté des Sciences (7 nationals, 1 expatriate) and Faculté de Médecine (5 nationals, 9 expatriates).

Facilities and Services

Library	The faculty library contains 1,074 volumes, 265 brochures, 38 theses and 70 periodical subscriptions.
Transportation	
Housing	These services are available through the <u>Centre National des Oeuvres Universitaires (CNOU)</u> , <u>Ministère de l'Education Nationale et de la Recherche Scientifique</u> . CNOU has 15 dormitories, 5 student
Food Service	restaurants, 99 buses to transport students between the dormitories and campus, and a social service
Health Care	office with 5 physicians.
Foreign Student Counselor	
Bookstore	

OTHER SERVICES: Sports and leisure clubs and activities. Students' families have access to some of the CNOU facilities.

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS:

1. Association des Universités Partiellement ou Entièrement de Langue Française (AUPEFL)
2. Coopération Française, France
3. Coopération Belge, Belgium

ADDITIONAL
INFORMATION:

Catalogs are available from the Director, Centre Universitaire d'Information et de Programmation (CUIP), Université d'Abidjan.

NAME OF INSTITUTION: ECOLE NATIONALE DE MEDECINE ET DE
PHARMACIE DU MALI (ENMPM)

MAILING ADDRESS: B.P.1805
Bamako, Mali

TELEPHONE: 22-52-77
22-59-23

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale, Government of the
Republic of Mali

FUNDING SOURCE: Government of the Republic of Mali

DATE FOUNDED: 1968

TRAINING PROGRAM: Medicine and Pharmacology

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Pharmacology</u>		Baccalauréat in Science or Mathematics, entrance examination and between 17 and 25 years of age or Level B Civil Servant with at least 3 years of service, under age 40, and professional examination	6 years
Medicine	Doctorat en Médecine		

COURSE DESCRIPTION: Instruction is given through five departments at ENMPM: general medicine, surgery, pharmaceutical sciences, basic sciences, and public health. Students in both the medical and pharmacy programs are required to pass written and oral examinations each year. Students in the medical program are required to prepare and defend a thesis. Pharmacology students prepare an end-of-studies report.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Directeur National des Enseignements Supérieurs et de la Recherche Scientifique in Bamako by May.

FINANCIAL REQUIREMENTS: Lodging in Dormitory (on-campus): 750 F CFA/month
 Food Service (on-campus): 8,000 F CFA/month
 Estimated Cost of Living in Bamako (includes housing and food): 15,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Bamako, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Pharmacology	90	34	2	1	92	35
Medicine	231	84	3	-	234	84
Total	321	118	5	1	326	119

Graduates by Field of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Pharmacology	12	2	-	-	12	2
Medicine	37	6	-	-	37	6
Total	49	8	-	-	49	8

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Algeria	2
Cameroon	1
Mauritania	1
Total	4

INTERNSHIP: During the first year, medical students have a 1.5 month internship in a health care center. From the second to the fourth year, students spend their mornings working in a hospital unit. Fifth year students intern in a hospital.

The internships take place in Bamako or in the interior. Medical students spend roughly half their time at the Centre de Formation et de Recherche en Santé Rurale de Kolakani (150 kms. from Bamako), where they learn the concepts and techniques of community health development.

After completing a thesis or final paper, medical and pharmacology students are required to spend 1 year in their respective work places to gain practical experience.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat, Agrégation, and 10 years of experience; Associate Professor: 7 years of experience as Chef de Clinique; Assistant: Doctorat 3ème Cycle and 4 years of experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	14	-	10	-	24	-
Doctorat 3ème Cycle	47	3	6	3	53	6
Maîtrise	2	-	2	-	4	-
Total	63	3	18	3	81	6

Facilities and Services

Classrooms	Total of 800 places
Laboratories	2 labs and 2 workrooms (types unspecified); audiovisual equipment
Library	3,000 medical volumes, 130 periodicals, and 400 doctoral theses
Housing	30% of students are housed on-campus
Health Care	On-campus
Food Service	Cafeteria on-campus

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:

1. World Health Organization (WHO)
2. Université de Marseille, France
3. Université de Bordeaux, France

ADDITIONAL INFORMATION: Contact the Directeur Général of ENMPM for additional information.

NAME OF INSTITUTION: **INSTITUT MARCHOUX**

MAILING ADDRESS: B.P. 251
Bamako, Mali

TELEPHONE: 22-51-31

SUPERVISORY AUTHORITY: The Institut Marchoux is a parastatal institution recognized by the Ministère de la Santé et des Affaires Sociales, Government of the Republic of Mali.

FUNDING SOURCE: Associations de la Fondation Raoul Follerau, Paris

DATE FOUNDED: 1937

TRAINING PROGRAM: Leprosy Treatment

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Leprosy Specialist	Certificate	Baccalauréat C or D	2 years
Leprosy Control	Certificate	Level D3 in public health service and 2-3 years of experience	3-6 months

COURSE DESCRIPTION: The 2-year program is designed to meet the needs of the sending country. For the shorter course, leprosy control, applicants must have experience in the treatment of leprosy or another major disease. Following the 3- to 6-month study program, students return home to spend a year working in a leper colony. Additional study at the Institut may be undertaken after this 1-year practicum.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Candidates are selected by their governments. Applications should be sent to the Organisation de Coopération et de Coopération pour la Lutte Contre les Grandes Endémies (OCCGE) in Bobo-Dioulasso, Burkina Faso. Applications must be submitted by May.

FINANCIAL REQUIREMENTS: For students selected by the Follerau Foundation, all costs are covered by a scholarship of 50,000 F CFA/month.

INSTITUTIONAL PROFILE: LOCATION: Bamako, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Leprosy Specialist	3	-	8	-	11	-
Leprosy Control	-	-	4	-	4	-
Total	3	-	12	-	15	-

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Leprosy Specialist	-	-	1	-	1	-
Leprosy Control	2	-	6	-	8	-
Total	2	-	7	-	9	-

Student Enrollment by Country of Origin

COUNTRY OF ORIGIN	1984-1985	1983-1984
Benin	1	1
Burkina Faso	3	1
CAR	1	-
Ivory Coast	2	2
Mali	3	-
Mauritania	1	2
Niger	1	-
Total	12	6

Classroom/Practicum:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Laboratory
Both Options	6 hrs.	30 hrs.

INTERNSHIP: Leprosy Specialists have a 2-month internship in their countries of origin during summer vacation.

FACULTY QUALIFICATIONS: Faculty members must hold the title of Médecins Hospitaliers with a speciality in tropical medicine or epidemiology.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Médecin Hospitalier		1		4		5

Facilities and Services

Classrooms	1 classroom of 50 places
Laboratories	3 biology and leprosy labs
Library	100 volumes
Housing	On-campus
Health Care	On-campus

OTHER SERVICES: A cultural center is available to the students.

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS: 1. Leprosy Institute, London
2. Organisation de Coordination et Coopération pour la Lutte Contre les Grandes Endémies (OCCGE), Bobo-Dioulasso, Burkina Faso

ADDITIONAL INFORMATION: Contact the Director of Institut Marchoux for additional information.

NAME OF INSTITUTION: **INSTITUT D'OPHTALMOLOGIE TROPICALE DE L'AFRIQUE (IOTA)**

MAILING ADDRESS: B.P. 248
Bamako, Mali

TELEPHONE: 22-34-21
22-47-22

SUPERVISORY AUTHORITY: Organisation de Coopération et de Coordination de la Lutte Contre les Grandes Endémies (member states are Benin, Burkina Faso, Ivory Coast, Mali, Mauritania, Niger, Senegal, and Togo); Ecole Nationale de Médecine et Pharmacie (ENMP), Government of the Republic of Mali

FUNDING SOURCE: Organisation de Coopération et de Coordination de la Lutte Contre les Grandes Endémies (OCCGE)

DATE FOUNDED: 1961

TRAINING PROGRAM: Ophthalmology

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Ophthalmology for Physicians	Certificat d'Etudes Spéciales (CES) en Ophthalmologie (3ème Cycle)	(Foreign students will be accepted in 1985)	4 years
Ophthalmology for Nurses	Diplôme d'Infirmier Spécialiste en Ophthalmologie	State nurse of an OCCGE member-state Medical degree required	2 years

COURSE DESCRIPTION: The 4-year program consists of 3 years and 6 months of study at IOTA and 6 months of ophthalmologic internship at a foreign university hospital. Course participants study diagnosis, treatment, and surgery; receive practical training in microsurgery at an ophthalmology center; conduct epidemiological studies in urban and rural settings; and develop primary health care strategies for combatting eye disease. The CES is a diploma awarded by l'Ecole Nationale de Médecine et Pharmacologie (ENMP), Bamako.

Nursing course participants receive practical training in simple surgical techniques, learn to assist physicians performing microsurgery, study diagnosis and treatment of eye disease, collect and update epidemiological data, and learn to train community health workers in basic ophthalmologic health care. The YEELLEN graduate nursing specialists are recruited by the project (YEELLEN is a Malian public health project that establishes ophthalmology centers in the administrative regions of Mali; each center is staffed by an ophthalmologist and a nurse specialist).

In addition to the degree programs, IOTA conducts internships for medical students from ENMP and for nursing/midwife students from Ecole Secondaire de la Santé, supervises thesis preparation of ENMP graduates, conducts applied research in ophthalmology-related areas, and conducts epidemiological surveys.

LANGUAGE: French

ACADEMIC YEAR: CES: Begins in October; Infirmiers Spécialistes: every 2 years (next session begins October 1985)

ADMISSION PROCEDURES: Applications for the CES program should be sent to the Secrétaire Général, OCCGE, Bobo-Dioulasso, Burkina Faso and ENMP, Bamako, 1 year before the course begins. Applications for the nurse specialist program should be sent to the Secrétaire Général, OCCGE 1 year before the course begins. A maximum of 20 nurses and 6 physicians is admitted into the respective programs.

FINANCIAL REQUIREMENTS: Books and materials: 120,000 F CFA/year
Estimated Cost Living in Bamako (includes housing and food): 60,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Bamako, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Physicians	5	-	-	-	5	-
Nurse Specialists	-	-	19	1	19	1
Total	5	-	19	1	24	1

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Nurse Specialists	6	1	1	1	7	2

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	2	2	1	1
Burkina Faso	5	1	2	4
CAR	3	1	-	-
Chad	-	-	1	-
Ivory Coast	1	-	1	2
Mali	8	-	2	2
Mauritania	3	1	-	-
Niger	2	1	-	-
Senegal	1	-	1	-
Togo	3	1	-	-
Total	28	7	8	9

INTERNSHIP: Physicians participate in medical and surgical internships at IOTA's hospital and rural ophthalmology centers and conduct epidemiological surveys in the field. Nurse specialists intern in rural health centers.

REPAIR AND MAINTENANCE OF EQUIPMENT: Participants are trained to maintain examination and operating room equipment.

Full Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat en Médecine (Ophtalmologie)	5	-	-	-	5	-

Facilities and Services

Classrooms	1 classroom of 28 places and 4 examination rooms
Laboratories	1 parasitology lab and 2 operating rooms; microsurgery equipment, general examination equipment, and laser and audiovisual equipment
Library	Number of volumes unspecified
Health Care	At IOTA

OTHER SERVICES: IOTA is an 85 bed hospital staffed by 5 ophthalmologists, 16 nurse specialists, and 5 ophthalmology interns. This staff is augmented by sixth-year medical students from ENMP.

ADDITIONAL INFORMATION: Contact the Secrétaire Général, OCCGE, Bobo-Dioulasso, Burkina Faso for information on the nurse specialist program. Contact l'Ecole Nationale de Médecine et Pharmacie, Bamako, for information on the CES program.

GENERAL INFORMATION: IOTA is a continuation of the Institut du Trachome.

NAME OF INSTITUTION: **FACULTE DES SCIENCES DE LA SANTE**

Université de Niamey

MAILING ADDRESS: B.P. 10960
Niamey, Niger

TELEPHONE: 73-22-90

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la Recherche Scientifique, Government of the Republic of Niger

FUNDING SOURCE: Government of the Republic of Niger

DATE FOUNDED: 1980

TRAINING PROGRAM: Health Sciences

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Internal Medicine/Surgery	Doctorat en Médecine	Baccalauréat Series C or D or professional entrance examina- tion administered to nurses and midwives with 3 years of professional experience	7 years

COURSE DESCRIPTION: The first cycle of 2 years is a basic studies program. The second cycle of 4 years emphasizes instruction and practical training in medicine and surgery. The third cycle, 1 year, is devoted to preparation of a doctoral thesis.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Service Central de la Scolarité, Université de Niamey before June. Candidates for the professional entrance examination should submit admission requests before April. Applications should include birth certificate, copies of diplomas, two photographs, a handwritten request for admission, two application forms, and the application fee of 5,000 F CFA.

FINANCIAL REQUIREMENTS: Application Fee: 5,000 F CFA
Housing and Food Service (on-campus): 12,000 F CFA/month
Estimated Cost of Living in Niamey (includes housing and food): 35,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Niamey, urban area

Student Enrollment by Level of Study, 1983

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Medicine and Surgery (Cycles 1 and 2)		215		49		264
Medical Thesis (Cycle 3)		9		9		18
Total		224		58		282

GRADUATES, 1984: Seventeen Nigerians graduated.

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1981-1982
Algeria	-	1
Benin	3	3
Burkina Faso	43	50
Cameroon	2	1
Chad	2	-
France	1	-
Iran	1	-
Lebanon	1	-
Liberia	1	-
Mauritania	2	-
Rwanda	1	1
Togo	1	1
Zaire	1	1
Total	59	58

COMPUTER TRAINING: Available but unspecified.

FACTULTY QUALIFICATIONS: All faculty are doctors of medicine with teaching, research, general medicine, and surgical experience. Professors and Maîtres de Conférence have the Doctorat d'Etat and have published articles in medical journals.

Full-Time Faculty by Position

POSITION	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Professeur	1	-	2	-	3	-
Maître de Conférence	2	-	6	-	8	-
Maître Assistant	6	-	1	-	7	-
Total	9	-	9	-	18	-

Part-Time Faculty by Position

POSITION	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Professeur	-	-	-	1	-	1
Maître de Conférence	-	-	3	-	3	-
Maître Assistant	-	-	-	1	-	1
Assistant	12	3	7	1	19	4
Total	12	3	10	3	21	6

Facilities and Service

Classrooms	12 classrooms (number of places unspecified)
Laboratories	Labs for cardiology, gynecology, urology, surgery, bacteriology, parasitology, pharmacology, hematology, anatomy, epidemiology; Institute of Radio-Isotopes
Library	2 University libraries with a total of 16,000 volumes and a documentation center
Housing	
Transportation	
Health Care	These services are available through the <u>Centre des Oeuvres Universitaires (COU)</u> , <u>Université de Niamey</u> .
Food Service	
Foreign Student Counselor	

OTHER SERVICES: COU facilities include 12 dormitories, two restaurants, an infirmary, a cafeteria, an amphitheater with 500 places, a social center, and a sports complex. COU also manages students' scholarships. Admission to COU requires separate application. All services are available to students' families.

ADDITIONAL INFORMATION: The 1984-1985 University catalog is available from the Service de la Scolarité, Université de Niamey.

NAME OF INSTITUTION: **INSTITUT UNIVERSITAIRE DE TECHNOLOGIE DE
SANTE ET DES SCIENCES BIOLOGIQUES (IUT)**

Université du Bénin

MAILING ADDRESS: B.P. 1515
Lomé, Togo

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche
Scientifique, Government of the Republic of Togo

FUNDING SOURCE: Government of the Republic of Togo

DATE FOUNDED: 1971

TRAINING PROGRAM: Health Technology

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Biochemistry and Bioanalysis Food Technology	Diplôme Universitaire de Technologie (DUT)	Baccalauréat or special entrance examination for Health Techni- cians with 5 years of experience who do not have the Baccalauréat	3 years

COURSE DESCRIPTION: All students are trained in biological analysis, biochemistry, and food technology for use in hospitals and laboratories.

LANGUAGE: French

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to the Service de la
Scolarité, Université du Bénin before September.

FINANCIAL REQUIREMENTS: Tuition: 164,250 F CFA/year
Lodging in Dormitory (on-campus): 1,500 F CFA/month
Food Service (on-campus): 4,000 F CFA/month
Estimated Cost of Living in Lomé (includes housing and
food): 35,000 F CFA/ month

INSTITUTIONAL

PROFILE: LOCATION: Lomé, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Total	24	10	5	10	29	20

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Total	10	4	2	3	12	7

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Burkina Faso	12	4	-	4
Burundi	1	2	2	2
Comores	1	-	1	1
Congo	2	2	2	3
Gabori	-	-	1	1
Guinea	2	-	-	-
Niger	5	5	4	-
Senegal	1	1	1	-
Total	24	14	11	11

Classroom/Practicum:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
All three years	16 hrs.	24 hrs.

INTERNSHIP: At the end of the second year, there is 1-month internship in a hospital or health center. At the end of the third year, there is an internship in a laboratory related to the student's choice of thesis topic.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat or Ph.D., experience, and publications; Assistant: Doctorat 3ème Cycle.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	2	-	-	-	2	-
Maîtrise	1	-	1	-	2	-
DUT, BTS	7	1	-	-	7	1
Total	10	1	1	-	11	1

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	2	-	1	-	3	-
Doctorat 3ème Cycle	4	-	1	-	5	-
Ingénieur	-	-	1	-	1	-
Total	6	-	3	-	9	-

Facilities and Services

Classrooms	2 classrooms of 20 places each
Laboratories	3 biology labs; access to WHO health center facilities in Lomé
Library	300 volumes and student theses
Housing	
Transportation	
Health Care	These services are available through the <u>Centre National des Oeuvres Universitaires, Université du Bénin.</u>
Food Service	
Foreign Student Counselor	
Bookstore	

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Institut Polytechnique de Lorraine, Nancy, France (food technology and microbiology).

ADDITIONAL
INFORMATION: Contact the Director of the Institut for additional information.

NAME OF INSTITUTION: CENTRE MURAZ

MAILING ADDRESS: B.P. 153
Bobo-Dioulasso, Burkina Faso

TELEPHONE: 99-11-79

SUPERVISORY AUTHORITY: Centre Muraz is a multidisciplinary institution which also houses the headquarters of the Organisation de Co-ordination et de Coopération pour la Lutte Contre les Grandes Endémies (member states are Benin, Burkina Faso, Ivory Coast, Mali, Mauritania, Niger, Senegal, and Togo).

FUNDING SOURCE: Organisation de Coopération et de Coopération pour la Lutte Contre les Grandes Endémies (OCCGE)

DATE FOUNDED: 1939

TRAINING PROGRAM: Specialized Training for Nurses

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Biology</u>			
<u>Administration/Accounting</u>	Nursing Specialist	Nursing degree from an OCCGE member country	1 or 2 years
<u>Entomo-Parasitology</u>			
<u>Pharmacist Training</u>			

COURSE DESCRIPTION: Each program consists of 1 year of course work and practicum followed by an optional 1-year research practicum in the student's country.

The biology program has the following laboratory requirements: bacteriology (4 months), serology (3 months), hematology (2 months), and mycobacterium and parasitology (1 month). Students in the entomo-parasitology program study parasitology (5 months) and entomology (3.5 months). Pharmacist training includes general aspects of pharmacology, toxic medicines, categories of medicines, general chemistry and drugs, and chemical products.

LANGUAGE: French

ACADEMIC YEAR: Begins October 15

ADMISSION PROCEDURES: Centre Muraz accepts applications every 2 years (next in 1985). Applications should be sent to the Secrétaire Général of OCCGE before October. Candidates are selected by the Ministries of Health in member countries.

FINANCIAL REQUIREMENTS: Installation Fee: 30,000 F CFA/month
Tuition: 50,000 F CFA/month
Books and Materials: 120,000 F CFA/year
Estimated Cost of Living in Bobo-Dioulasso (includes food and housing): 80,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Bobo-Dioulasso, rural area, 320 kms. from Ouagadougou

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Biology	5	-	-	-	5	-
Administration/ Accounting	-	-	1	-	1	-
Entomo- Parasitology	-	-	4	-	4	-
Pharmacist Training	1	-	-	-	1	-
Total	6	-	5	-	11	-

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Biology	3	-	1	-	4	-
Administration/ Accounting	-	-	3	-	3	-
Entomo- Parasitology	-	-	7	-	7	-
Pharmacist Training	3	-	-	-	3	-
Total	6	-	11	-	17	-

Student Enrollment by Country of Origin

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	1	4	1	2
Burkina Faso	11	4	6	4
CAR	-	2	-	1
Chad	-	1	1	-
Mali	2	2	-	1
Mauritania	-	3	-	-
Niger	2	-	-	-
Senegal	-	7	4	4
Total	16	23	12	12

Classroom/Practicum:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Biology	6 hrs.	25 hrs.
Administration/ Accounting	8 hrs.	23 hrs.
Entomo- Parasitology	9 hrs.	25 hrs.
Pharmacist Training	10 hrs.	30 hrs.

INTERNSHIP: There is a 3.5 month internship at IRTD in Bouake for the entomo-parasitology students. Internships of varying lengths are required for the other fields of study, the nature of which was unspecified.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained to maintain equipment (unspecified).

FACULTY QUALIFICATIONS: All faculty are members of OCCGE.

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	TOTAL	
	Male	Female
Doctorat en Médecine	9	-
DEUG, DUES, DUT	20	-
Total	29	-

Facilities and Services

Classrooms	1 biology classroom of 10 places and 1 entomology classroom of 20 places
Laboratories	1 lab each for biology, entomology, chemistry, parasitology, tuberculosis, river blindness, and malaria
Library	1 entomology library and a documentation center
Health Care	On-campus

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Office de la Recherche Scientifique et Technique
d'Outre-Mer (ORSTOM), France

ADDITIONAL
INFORMATION: Contact the Coordinateur des Stages, Centre Muraz for
additional information.

GENERAL INFORMATION: Centre Muraz houses the headquarters of the OCCGE. It includes the organization's administrative division as well as its statistical and documentation center. Training and research are conducted in biology, parasitology, entomology, and immuno-chemistry related to tuberculosis, enteric illnesses, malaria, sexually transmitted diseases, yellow fever, and river blindness. Satellites of OCCGE conducting research and training include:

1. Office de la Recherche sur l'Alimentation et la Nutrition en Afrique (ORANA), Dakar, Senegal, and Lomé, Togo
2. Institut d'Ophtalmologie Tropicale en Afrique (IOTA), Bamako, Mali
3. Institut de Recherches sur la Trypanosomiase et l'Onchocercose (IRTO), Bouake, Ivory Coast
4. Institut Marchoux de Léprologie, Bamako, Mali
5. Centre de Recherches sur les Méningites et les Schistosomiasés (CERMES), Niamey, Niger

NAME OF INSTITUTION: CENTRE DE FORMATION ET DE
PERFECTIONNEMENT DU PERSONNEL DES
SERVICES DE SANTE (CFPPSS)

MAILING ADDRESS: B.P. 917
Lomé, Togo

TELEPHONE: 21-08-23
21-41-58

CABLE: UNISANTE LOME 5315

SUPERVISORY
AUTHORITY: World Health Organization (WHO)

FUNDING SOURCE: World Health Organization. The majority of participants attend on WHO scholarships; USAID and other international organizations have also sponsored students at CFPPSS.

DATE FOUNDED: 1963

TRAINING PROGRAM: Short-Term Training in Health Care Related Fields

COURSES	LENGTH	NO. OF SESSIONS PER YEAR	DATES
Community Health	12 weeks	2	vary
Training-of-Trainers of Health Care Agents	12 weeks	1	1st semester
Health Education	7 weeks	1	1st semester
Sanitation Inspectors	12 weeks	1	October- December
Maintenance and Repair of Medical Equipment	8 mos. and 2 mos. intern- ship	1	January- October

LANGUAGE: French

ACADEMIC YEAR: Course dates vary from year to year.

ADMISSION PROCEDURES: Admission requests should be directed to the local WHO Program Coordinator. For courses offered during the first semester, the application deadline is October; for the second semester, the deadline is January. Applicants must take an entrance examination administered by the WHO Office in each country. Final selection of candidates is made by the WHO Regional Office in Brazzaville and is based on examination results and a country quota of 1-2 students per course. For applicants to the training-of-trainers course, a minimum of 3 years of training experience is preferred.

FINANCIAL REQUIREMENTS: Estimated Cost of Living in Lomé (includes housing and food): 75,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Lomé, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	TOTAL	
	Male	Female
Community Health (Session No. 7)	20	5
Community Health (Session No. 8)	13	10
Training-of- Trainers	19	5
Health Education	11	9
Sanitation Inspectors	15	1
Medical Equipment	23	-
Total	101	30

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL	
	Male	Female
Community Health (Session No. 7)	19	4
Training-of- Trainers	17	4
Health Education	8	7
Total	44	15

Student Enrollment by Country of Origin

COUNTRY OF ORIGIN	1984-1985	1983-1984	1982-1983	1981-1982
Angola	-	1	-	1
Benin	10	3	3	7
Burkina Faso	6	12	7	8
Burundi	8	9	8	9
Cameroon	5	5	13	4
CAR	11	11	11	7
Chad	2	3	7	-
Comores	4	1	1	2
Congo	10	8	9	9
Equatorial Guinea	-	3	2	-
Gabon	-	1	-	4
Guinea	4	5	13	7
Guinea Bissau	-	1	2	3
Ivory Coast	8	3	1	-
Madagascar	3	2	2	2
Mali	6	11	9	7
Mauritania	4	5	10	3
Mozambique	1	5	3	1
Niger	10	12	5	9
Rwanda	6	2	7	10
Sao Tome	3	6	4	5
Senegal	5	5	10	7
Togo	13	10	9	9
Zaire	7	4	3	5
Total	126	128	132	119

Classroom/Learning Activities/Field Work

FIELD OF STUDY	Classroom	Learning Activities*	Field Work
Community Health	2 weeks	9 weeks	1 week
Training-of-Trainers	2 weeks	7 weeks	3 weeks
Health Education	1 week	4 weeks	2 weeks
Sanitation Inspectors	2 weeks	6 weeks	4 weeks

*Includes clarification of classroom presentations, group work and discussions, simulation in class, and, for the Sanitation Inspectors, laboratory analysis.

REPAIR AND MAINTENANCE OF EQUIPMENT:
Included in the repair and maintenance of medical equipment course.

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	FULL-TIME		PART-TIME		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat en Médecine	1	-	-	-	1	-
Doctorat 3ème Cycle	3	-	2	-	5	-
DUES, DUEG, DUT	-	-	2	5	2	5
Total	4	-	4	5	8	5

Facilities and Services

Classrooms	2 classrooms of 25 places each. CFPPSS also has access to an auditorium, a meeting room, and 2 additional classrooms located in the adjacent Centre de Formation en Santé Familiale
Laboratories	3 labs (medical analysis, electricity, and electronics); extensive audiovisual equipment
Library	2,150 volumes and periodicals
Housing	Students are housed with Togolese families/individuals; arrangements are made by the Center.
Transportation	Free transportation between the Center and downtown Lomé

OTHER SERVICES: All written course materials are provided. If notified in advance, the Center will meet incoming students at the airport.

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS: Centre de Formation en Santé Familiale, Government of the Republic of Togo. The Center is housed in a building adjacent to the WHO Center. The centers share facilities, equipment, and instructors.

ADDITIONAL INFORMATION: The annual program is available in August from the WHO Program Coordinator in each African country. Requests for information on tuition and other costs should be directed to the WHO Regional Office, AOM/AFRO, B.P. 6, Brazzaville, Republic of Congo.

INDUSTRY, COMMERCE AND SCIENCE



NAME OF INSTITUTION: **ECOLE NATIONALE D'INGENIEURS DE
SPECIALITES (ENIS)**
Institut National Supérieur de l'Enseignement
Technique (INSET)

MAILING ADDRESS: B.P. 1093
Yamoussokro, Ivory Coast

TELEPHONE: 64-05-41

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Sci-
entifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1983

TRAINING PROGRAM: Industrial Technology

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Preparatory Program (CPC)		Baccalauréat C, D or E and entrance examination	2 years
<u>Air Conditioning</u>		Successful completion of CPC program or a diploma of the First Cycle of higher education--	
<u>Electronics</u>	Diplôme d'ingénieur de Spécialité	(diplôme Universitaire d'Etudes Supérieures Technolo- giques (DUEST) or Diplôme Universitaire de Technologie (DUT)	3 years
<u>Electricity</u>			
<u>Food Processing</u>			
<u>Industrial Mechanics</u>			
<u>Industrial/Rural Engineering</u>			

COURSE DESCRIPTION: This program was developed in response to the private sector's need for engineers with manufacturing skills more specialized than those graduating from ENSIA and at a higher level than those graduating as Techniciens Supérieurs from ITI. (See ENSIA and ITI.)

Before applicants are accepted into ENIS, they must complete the preparatory program (CPC). This 2-year program serves a remedial function and reinforces the technical training received in secondary school. At the time of the study, the CPC was the only program operating.

The goals of ENIS are (1) to train engineers to understand methods of production and to be able to prepare project designs and marketing and cost evaluations; and (2) to train manufacturing engineers in applied mechanics and machine tools in order that they can consistently produce low cost, high quality products in a timely manner.

Students begin to specialize in the first year of the 3-year program. The focus of the second year is an extended internship in a local industry. In the third year, half the course time is spent preparing a final project in the area of specialization.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to INSET by June 15. Foreign applicants must obtain a scholarship from their government and be approved by the Ministère de l'Education Nationale et de la Recherche Scientifique, Ivory Coast. Final selection is made by a panel at INSET.

FINANCIAL REQUIREMENTS: Registration Fee: 7,500 F CFA
Lodging in Dormitory (on-campus): 7,500 F CFA/month
Food Service (on-campus): 450 F CFA/day
Books and Materials (includes equipment and clothing): 50-100,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Yamoussokro, approximately 200 kms. from Abidjan

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
CPC (First and Second Years)	98	3	4	-	102	3

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Benin	2
Burkina Faso	2
Total	4

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
CPC (First Year)	13 hrs.	23 hrs.
CPC (Second Year)	17 hrs.	19 hrs.

INTERNSHIP: During the second year, students spend 5 months in an industrial enterprise, preferably manufacturing. This activity enables students to learn new skills; to evaluate their technical skills, knowledge, and ability to work as team members; to observe the roles, responsibilities, and operations of an enterprise; and to develop interpersonal relations in a work environment. Students work under the supervision of an engineer and receive guidance from an ENIS professor throughout the internship.

COMPUTER TRAINING: Computers are used to monitor industrial operations. Courses in data processing are offered by ENIS.

INSET Faculty by Diploma/Degree and Specialty, 1983-1984*

DIPLOMA/DEGREE	INSET TOTAL	AREAS OF SPECIALIZATION RELEVANT TO ENIS	
		Mechanical Engineering	Electrical Engineering
Doctorat	17	-	-
DEA	24	-	1
DESS	11	-	-
Agrégation	14	9	1
Certifié (CAP)	20	9	-
Ingénieur	72	5	39
Grandes Ecoles	26	4	2
Others	32	16	13
Total	216	43	57

*INSET's faculty is composed of 82 Ivoiriens and 134 expatriates. Although faculty breakdown by institution was unavailable, breakdown by area of specialization was available for INSET as a whole.

Facilities and Services

Classrooms	30 classrooms of 15 places each
Laboratories	10 labs, including biology and physics; 1 computer lab
Library	2 libraries (number of volumes unspecified)
Housing	
Transportation	
Health Care	These services are available through the Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Education Nationale et de la Recherche Scientifique
Food Service	
Foreign Student Counselor	
Bookstore	

OTHER SERVICES: Sports complex, video games, football, basketball, tennis.

ADDITIONAL
INFORMATION: A brochure is available from the Director of ENIS.

NAME OF INSTITUTION: **INSTITUT DE TECHNOLOGIE INDUSTRIELLE (ITI)**

Institut National Supérieur de l'Enseignement Technique
(INSET)

MAILING ADDRESS: B.P. 1093
Yamoussokro, Ivory Coast

TELEPHONE: 64-05-41
64-03-53

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1975

TRAINING PROGRAM: Industrial Technology

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Industrial Maintenance			
Mechanical Engineering			
Electronics	Diplôme Universitaire de Technologie (DUT)	Baccalauréat Technique or Baccalauréat Scientifique and entrance examination	2 years
Electricity			
Biochemistry			
Industrial Chemistry			

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to INSET by June 15. Foreign applicants must obtain a scholarship from their government and be approved by the Ministère de l'Education Nationale et de la Recherche Scientifique, Ivory Coast. Final selection is made by a panel at INSET.

FINANCIAL REQUIREMENTS: Registration Fee: 7,500 F CFA
 Lodging in Dormitory (on-campus): 7,500 F CFA/month
 Food Service (on-campus): 450 F CFA/day
 Books and Materials (includes equipment and uniforms): 50 000,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Yamoussokro, 200 kms. north of Abidjan, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Industrial Maintenance	69	-	2	-	71	-
Mechanical Engineering	32	-	1	-	33	-
Electronics	47	8	4	-	51	8
Electricity	38	-	-	-	38	-
Biochemistry	14	2	-	-	14	2
Industrial Chemistry	18	1	-	-	18	1
Total	218	11	7	-	225	11

Graduates by Field of Study, 1984

FIELD OF STUDY	TOTAL	
	Male	Female
Industrial Maintenance	14	-
Mechanical Engineering	11	-
Electronics	16	-
Electricity	15	-
Industrial Chemistry	19	-
Total	75	-

INTERNSHIP: Students have a 4-week internship as laborers at the end of the first year and a 6-week internship as technicians during February and March of the second year. The objective of these activities is to raise students' awareness of the industrial work environment in general and their professions in particular. All internships are conducted in industrial enterprises.

COMPUTER TRAINING: Computers are used to monitor various industrial machines. Courses in data processing are also offered.

REPAIR AND MAINTENANCE OF EQUIPMENT: Trainees learn to repair and maintain work tools and equipment. Industrial maintenance is one of the fields of study.

Full-Time Faculty by Diploma and Specialty*

DIPLOMA/DEGREE	INSET TOTAL	AREAS OF SPECIALIZATION RELEVANT TO ITI		
		Mechanical Engineering	Electrical Engineering	Energy
Doctorat	17	-	-	1
DEA	24	-	1	-
DESS	11	-	-	-
Agrégation	14	9	1	-
Certifié	20	9	-	-
Ingénieur	72	5	39	4
Grandes Ecoles	26	4	2	3
Others	32	16	13	-
Total	216	43	56	8

*INSET's faculty is composed of 82 Ivoiriens and 134 expatriates. Although faculty breakdown by school was unavailable, breakdown by area of specialization was available for INSET as a whole.

Facilities and Services

Classrooms	30 classrooms of 25 places each
Laboratories	10 labs, including computer, chemistry, and biology
Library	2 libraries (number of volumes unspecified)
Housing	
Transportation	
Health Care	These services are available through the <u>Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Education Nationale et de la Recherche Scientifique</u>
Food Service	
Foreign Student Counselor	
Bookstore	

OTHER SERVICES: Sports complex

ADDITIONAL INFORMATION: A brochure is available from the Office of the
Director of ITI.

NAME OF INSTITUTION: **ECOLE CENTRALE POUR L'INDUSTRIE, LE
COMMERCE ET L'ADMINISTRATION (ECICA)**

MAILING ADDRESS: B.P. 1828
Bamako, Mali

TELEPHONE: 22-26-91

SUPERVISORY AUTHORITY: Direction Nationale de l'Enseignement Secondaire, Général,
Technique et Professionnel, Ministère de l'Education
Nationale, Government of the Republic of Mali

FUNDING SOURCE: Government of the Republic of Mali; Fonds d'Aide et de
Coopération (FAC); Canadian International Development
Agency (CIDA); U.S. Agency for International Development
(USAID); and the governments of the People's Republic of
China, Democratic People's Republic of Korea, and the USSR

DATE FOUNDED: 1969

TRAINING PROGRAM: Industry, Commerce, and Administration

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Industry</u> Commerce and Administration	Brevet de Technicien	Diplôme d'Etudes Fondamentales (DEF) and 16-19 years of age	4 years

COURSE DESCRIPTION: The goal of ECICA training is to prepare students for mid-level positions in industry, commerce, and administration. The industrial section offers specialized training in chemistry, mechanics, electrotechnology, geology, topography, and public works. Specialties in the commerce and administration program include accounting, distribution, and financial administration (customs, taxes, budgets, insurance, transport).

In addition to theoretical training, students receive practical training in their areas of study. In the initiation phase, students learn by observing the professional behavior of their professors. In the application students acquire hands-on experience using the materials and tools relevant to their area of specialization. In the employment phase, students acquire professional experience by working in a local enterprise where they are exposed to conditions and constraints of the work environment.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be presented by the applicant's government to the Ministère de l'Education Nationale, Mali, by mid-June.

FINANCIAL REQUIREMENTS: Tuition: 175,000 F CFA/year
 Lodging in Dormitory (on-campus): 15,000 F CFA/month
 Food Service (on-campus): 15,000 F CFA/month
 Estimated Cost of Living in Bamako (includes housing and food): 60,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Bamako, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Commerce and Administration	555	520	-	1	555	521
Industry	564	50	155	-	719	50
Total	1,119	570	155	1	1,274	571

Industry and Administration/ECICA/Mali

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Commerce and Administration	126	47	1	-	127	47
Industry	161	14	17	-	178	14
Total	287	61	18	-	305	61

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
CAR	1
Chad	1
Congo	2
Mauritania	1
Niger	12
Togo	1
Total	18

INTERNSHIP: Third-year students in the geology section intern as laborers. All fourth-year students have a 3-month internship in a local business/industry as technicians. This internship may be performed in the country of origin of foreign students during summer vacation.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained to maintain material and equipment in various workshops.

FACULTY QUALIFICATIONS: Professor: Licence; Assistant: Licence or Brevet de Technicien.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	-	-	1	-	1	-
Ingénieur de Conception	2	-	22	-	24	-
Maîtrise	-	-	2	1	2	1
Licence	81	9	10	-	91	9
BTS	1	-	2	4	3	4
Total	84	9	37	5	121	14

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	2	-	-	-	2	-

Facilities and Services

Classrooms	32-45 classrooms of approximately 30 places each
Laboratories	8 labs (automotive, auto-diesel, electromechanics, refrigeration, physics, chemistry, geology, photography); 6 workshops (vehicle repair, metal construction, general mechanics, electricity, carpentry, masonry); a typing room; a drafting room; and a topography workroom
Library	900-1,000 volumes

ADDITIONAL INFORMATION: Contact the Directeur Général, ECICA, for additional information.

NAME OF INSTITUTION: **INSTITUT DE MATHEMATIQUES ET DE SCIENCES
PHYSIQUES (IMP)**

Université de Ouagadougou

MAILING ADDRESS: B.P. 7021
Ouagadougou, Burkina Faso

TELEPHONE: 33-20-41

TELEX: Université 5270

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of
Burkina Faso

FUNDING SOURCE: Government of Burkina Faso

DATE FOUNDED: 1975

TRAINING PROGRAM: Teacher Training in Mathematics and Physical Science

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS	LENGTH
Mathematics/ Physics	DEUG or Certificat d'Apprentissage Pédagogique (CAP)	Baccalauréat C or D and honorable mention	2 years
Physics/ Chemistry			
Mathematics/ Physical Science	<u>Licence</u> <u>Maîtrise</u>	DEUG	<u>1 year</u> <u>2 years</u>

COURSE DESCRIPTION: IMP prepares students either for careers in teaching or as engineers.

The first 2 years of the program lead to a CAP (for teachers) or the Diplôme d'Etudes Universitaires Générales (DEUG) for engineers. The first year of this program is a core studies program.

Students who graduate with a Licence or Maîtrise may pursue a career in teaching at the secondary level, or they may pursue further studies at a school of engineering.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Rector of the University and the Admissions Committee of IMP by June.

FINANCIAL REQUIREMENTS: Tuition: 125,000 F CFA/year
Lodging in Dormitory (on-campus): 10,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Total	155	6	8	1	163	7

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Licence	12	2	1	-	13	2
Maîtrise	8	-	-	-	8	-
Total	20	2	1	-	21	2

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983
Benin	1	1
Chad	5	3
Comores	3	5
Congo	1	-
Ivory Coast	1	1
Total	11	10

COMPUTER TRAINING: Available but unspecified

FACULTY QUALIFICATIONS: The minimum teaching requirement is a Doctorat 3ème Cycle.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL	
	Male	Female
Doctorat d'Etat	5	-
Doctorat 3ème Cycle	15	-
Total	20	-

Facilities and Services

Classrooms	9 classrooms of 20-25 places each
Laboratories	6 science labs
Housing	
Transportation	
Health Care	These services will be available when the <u>Cité Universitaire</u> opens in Autumn 1985.
Food Service	
Foreign Student Counselor	

OTHER SERVICES: Recreational facilities are available.

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:

1. Université de Marseille, France
2. Université d'Alger, Algeria
3. Université de Dakar, Senegal
4. Association des Universités Partiellement ou Entièrement de Langue Française (AUPLF)

ADDITIONAL INFORMATION: Contact the Director of IMP for additional information.

NAME OF INSTITUTION: **FACULTE DES SCIENCES**

Université Nationale de Côte d'Ivoire

MAILING ADDRESS: 01 BP V34
Abidjan, Ivory Coast

TELEPHONE: 44-08-95

CABLE: RECTUNIV ABIDJAN 3469

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast; Government of France

DATE FOUNDED: 1977

TRAINING PROGRAM: Sciences

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
I. FIRST CYCLE			
Mathematics/Physics	Diplôme Universitaire		
Physics/Chemistry	d'Etudes Scientifiques	Baccalauréat Series C	2 years
Mathematics/Physics	(DUES)	C or E	
Chemistry/Technology			
Chemistry/Biology			
Geology			

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
II. SECOND CYCLE			
Mathematics	Licence d'Enseignement	DUES	1 year
Physical Science			
Natural Science	Licence de Recherche		
Chemistry			
Physics			
Mathematics	Maîtrise d'Enseignement	Licence d'Enseignement	1 year
Physical Science			
Natural Science	Maîtrise Appliquée où d'Enseignement	DUES	2 years
Science/Technology			
Electromechanics Earth Sciences			
Chemistry	Maîtrise de Recherche	Licence de Recherche	
Physics			
Biology			
III. THIRD CYCLE			
Natural Science	Diplôme d'Etudes Supérieures (DES)		
Physical Science			
Mathematics	Diplôme d'Etudes Approfondies (DEA)	Maîtrise, Ingénieur de Conception, or equivalent	1 year
Tropical Ecology			
Plant Life Animal Life			

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
III. THIRD CYCLE (CONTINUED)			
Medical and Veterinary Entomology			
Physics			
Atmospheric Solar Energy	Diplôme d'Etudes Approfondies (DEA)	Maîtrise, Ingénieur de Conception, or equivalent	1 year
Physics			
Molecular Physics Physics/Chemistry Organic Chemistry Inorganic Chemistry	Diplôme de Docteur Ingénieur	Ingénieur de Conception DEA approprié	3 years 1 year
Specialization	Doctorat de 3ème Cycle	DEA approprié	1 year

COURSE DESCRIPTION: The First Cycle program is divided into four sections, each leading to a different DUES. The DUES in chemistry/biology/geology is required to enter the Ecole Nationale Supérieure d'Agronomie (ENSA).

Students who obtain a Licence d'Enseignement may pursue the corresponding Maîtrise d'Enseignement or pursue a Certificat d'Aptitudes Pédagogiques de l'Enseignement.

The Maîtrise degrees lead to careers in industry or teaching or to additional studies for the DEA, or into Ecoles d'Ingénieurs de Conception. Students who wish to receive training in a field or program for which the Maîtrise is not offered may seek a Certificat d'Etudes Spéciales (CES) by combining courses offered under the different options.

The DEA program is designed to give students an in-depth knowledge of their particular specialty and of research techniques.

The Diplôme de Docteur Ingénieur emphasizes the knowledge and practical research techniques necessary to pursue a professional career, scientific research, or a teaching position in higher education.

The Faculté des Sciences also offers the Doctorat d'Etat. This is awarded to students who have demonstrated an ability to design and conduct original scientific research at an advanced level. Individuals with a Maîtrise or equivalent degree may apply.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Commission Nationale d'Orientation des Bacheliers, Ministère de l'Education Nationale before June. Final selection of candidates is made by the Commission. There is a 10% quota for foreign students.

FINANCIAL REQUIREMENTS: Registration Fee: 50,000 F CFA
Food Service (on-campus): 75 F CFA/meal
Government Scholarship: 35,000 F CFA/student/month

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Level of Study, 1982/83

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL
	Male	Female	African	Other	
First Year (DUES I)	583	60	61	13	717
Second Year (DUES II)	414	38	70	5	527
Third Year	344	30	66	4	444
Fourth Year (Maîtrise)	117	19	85	5	226
DEA	32	4	37	5	78
Docteur Ingénieur	2	1		1	4
Doctorat 3ème Cycle	6	1	5	1	13
Doctorat d'Etat	13	2	2	1	18
Other	14	4	1	2	21
Total	1,525	159	527	37	2,048

Graduates by Level of Study, 1983

LEVEL OF STUDY	TOTAL
DUES	180
Licence	102
Maîtrise	24
DEA	2
CES	3
Total	311

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin		117	108	108
Burkina Faso		27	27	39
Guinea	341	30	27	-
Togo		-	-	16
Other African		153	142	132
France	14	23	25	39
Other	16	14	14	14
Total	371	364	343	348

Full-Time Faculty by Position

POSITION	NATIONAL	FOREIGN	TOTAL
Professeur	15	6	21
Maître de Conférence	17	6	23
Maître-Assistant	35	21	56
Assistant	22	43	65
Total	89	76	165

Facilities and Services

Laboratories	17 labs, including atmospheric physics, electronics, organic chemistry, inorganic chemistry, biochemistry, botany, plant physiology, biology, and animal ecology
Library	University library has 67,000 volumes and 1,700 periodical subscriptions
Transportation	
Housing	These services are available through the <u>Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Éducation Nationale et de la Recherche Scientifique</u> . CNOU has 15 dormitories, 5 student restaurants, 99 buses to transport students between dormitories and campus, and a social service office with 5 physicians.
Food Service	
Health Care	
Foreign Student Counselor	
Bookstore	

OTHER SERVICES: Sports and leisure clubs and activities. Students' families have access to some of the CNOU services.

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Association des Universités Partiellement ou Entièrement de Langue Française (AUPEFL)
 2. Coopération Française, France
 3. Coopération Belge, Belgium

ADDITIONAL INFORMATION: Catalogs are available from the Director, Centre Universitaire d'Information et de Programmation (CUIP), site d'Abidjan.

NAME OF INSTITUTION: **INSTITUT NATIONAL DE PREPARATION
PROFESSIONNELLE (INPP)**

MAILING ADDRESS: B.P. 1150
Limete, Zaire

TELEPHONE: 77585
78072

SUPERVISORY AUTHORITY: Département du Travail et de la Prévoyance Sociale, Gov-
ernment of the Republic of Zaire

FUNDING SOURCE: Government of the Republic of Zaire; various international donors, including International Labor Organization (ILO) and the Government of Japan; client/employers contribute through a special tax in Zaire.

DATE FOUNDED: 1964

TRAINING PROGRAM: Short-Term Technical Training

COURSES	LENGTH	NO. OF SESSIONS PER YEAR	DATES
Electronics Electrotechnology Electricity Refrigeration			
Construction			
Photography and Printing	3-12 months	3-10/year (depending on course)	on-demand
Welding			
Mechanics			
Automotive Repair Commercial and Administrative Skills (Accounting, Typing, Secretarial, Sales)			
Shop Foreman			

COURSE DESCRIPTION: INPP designs and conducts training for employees of private business and industry. The dates, duration, and number of sessions for each program vary according to the needs of client companies. INPP conducts extensive testing (aptitude, motor skills, reflexes, etc.) prior to placement.

In addition to training private sector employees, INPP reserves 10% of its space for unemployed participants.

LANGUAGE: French

ADMISSION PROCEDURES: Applications should be sent to the Directeur Général of INPP for approval. There are no entrance requirements in terms of education or experience for candidates nominated by their employers. Applications are accepted throughout the year. Training schedules are coordinated with the client organization.

INSTITUTIONAL

PROFILE: LOCATION: Limete, suburb of Kinshasa

STUDENT ENROLLMENT, 1984: A total of 2,026 students was enrolled.

GRADUATES, 1984: A total of 1,102 students completed training.

CLASSROOM/PRACTICUM: For all courses, 25% of course work is spent in class and 75% in practical training.

REPAIR AND MAINTENANCE OF EQUIPMENT: All programs emphasize training in the maintenance of equipment.

Full-Time Faculty and Staff by Title/Degree

DIPLOMA/DEGREE	TRAINERS		COORDINATING AND SUPPORT STAFF		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur	38	-	-	-	38	-
Licence	15	-	12	-	27	-
Techniciens	98	-	26	-	126	-
Total	151	-	38	-	189	-

PART-TIME FACULTY: There are 10 part-time faculty members.

Facilities and Services

Classrooms	20 classrooms (number of spaces unspecified)
Laboratories	Workshops for electricity, refrigeration, building, printing, photography, welding, mechanics, auto mechanics; testing equipment; and audiovisual equipment
Library	1,000 volumes (technical manuals)

ADDITIONAL INFORMATION: A brochure is available from the Director, INPP.

GENERAL INFORMATION: INPP has regional centers in Boma, Lubumbashi, Kisangani and Bukavu.

MANAGEMENT



NAME OF INSTITUTION: **ECOLE SUPERIEURE DES SCIENCES ET
TECHNIQUES DE L'INFORMATION (ESSTI)**

Université de Yaoundé

MAILING ADDRESS: B.F. 328
Yaoundé, Cameroon

TELEPHONE: 22-00-73

SUPERVISORY AUTHORITY: Ministère de l'Information et de la Culture, Ministère de
l'Enseignement Supérieur et de la Recherche Scientifique,
Government of the Republic of Cameroon

FUNDING SOURCE: Government of the Republic of Cameroon

DATE FOUNDED: 1982

TRAINING PROGRAM: Journalism/Information Technology

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Radio</u>	Licence (Diplôme de Journaliste Généraliste)	Baccalauréat, approval of the Government of Cameroon and a scholarship	3 years
<u>Print Media</u>			
<u>Television</u>			

COURSE DESCRIPTION: ESSTI is composed of four departments. The radio program trains students in news, broadcasting, and production. Print media courses include press photography, graphic arts, editing, design, and typesetting. The television program includes reporting, producing and directing, and operation of television cameras, recording equipment, and television receivers. Students take courses in the general education department, including law, sociology, history, and economics as well as information science, language, literature, and sports.

LANGUAGE: French and English

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to the Registrar of l'Université de Yaoundé before the end of January. Final selection of candidates is made by an ad hoc committee headed by the Vice-Chancellor of Academic Affairs, l'Université de Yaoundé. There is a quota of 7 or 8 places for foreign students entering the first year. Direct admission into the second or third year of the program is not allowed.

FINANCIAL REQUIREMENTS: Tuition: None
Books and Materials: Provided by ESSTI
Estimated Cost of Living in Yaoundé (includes housing and food): 45,000-50,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Yaoundé, urban area

Student Enrollment by Year of Study, 1984

YEAR OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Year	24	-	6	1	30	1
Second Year	23	-	5	1	28	1
Third Year	21	4	1	-	22	1
Total	68	4	12	1	80	5

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Radio	4	-	1	-	5	-
Print Media	5	-	2	-	7	-
Television	4	-	-	-	4	-
Total	3	-	3	-	16	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Burkina Faso	1	-	-	-
Chad	6	1	-	-
Rwanda	-	-	1	1
Togo	-	-	3	7
Total	7	1	4	8

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
First Year	18 hrs.	16 hrs.
Second Year	14 hrs.	20 hrs.
Third Year	12 hrs.	22 hrs.

INTERNSHIP: First-year students intern for 2 months with a media enterprise during summer vacation; second-year students intern for 1 month with a media enterprise during vacation; third-year students intern for 1 month between the second and third terms and spend 8 days in Europe, Canada, or the United States at the end of the program.

COMPUTER TRAINING: Students are trained in data base management and word processing.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained in the maintenance of radio and TV equipment.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat or Licence and 10 years of professional experience; Assistant Professor: Doctorat 3ème Cycle or University degree and 8 years of professional experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1	-	-	-	1	-
Doctorat 3ème Cycle	4	-	-	-	4	-
Maîtrise	-	-	2	-	2	-
DUEL	-	-	1	-	1	-
Total	5	-	3	-	8	-

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	4	-	2	-	6	-
Doctorat 3ème Cycle	27	-	1	-	28	-
Maîtrise	6	-	-	-	6	-
DUEL	4	-	-	-	4	-
Total	41	-	3	-	44	-

Facilities and Services

Classrooms	3 classrooms of 30 places each and an auditorium of 125 places
Laboratories	1 language lab, 1 photography lab, 1 radio studio, and 1 color TV studio
Library	4,000 books and periodicals, tapes, photographs
Transportation	
Housing	
Health Care	These services are available through the <u>Centre National des Œuvres Universitaires, Université de Yaoundé.</u>
Food Service	
Foreign Student Counselor	
Bookstore	On-campus

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Centre de Formation et de Perfectionnement des Journalistes (CFP), Paris
 2. Institut International de Communications (IIC), Montreal, (training of trainers), financed by Canadian International Development Agency
 3. Ecole Supérieure de Journalisme (ESJ), Lille, France

ADDITIONAL INFORMATION: A brochure is available from the Direction des Etudes ESSTI.

GENERAL INFORMATION: ESSTI is the former Ecole Supérieure Internationale de Journalisme de Yaoundé (ESIJY), created in 1979.

NAME OF INSTITUTION: ECOLE NATIONALE SUPERIEURE DE STATISTIQUE
ET D'ECONOMIE APPLIQUEE (ENSEA)

MAILING ADDRESS: 08 B.P. 03
Abidjan 08, Ivory Coast

TELEPHONE: 44-08-42

SUPERVISORY AUTHORITY: Ministère de l'Economie et des Finances, Government of the
the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast; United Nations Development Program (UNDP); European Economic Community (EEC); World Health Organization (WHO); U.S. Agency for International Development (USAID); Fonds d'Aide et de Coopération (FAC); Food and Agriculture Organization (FAO)

DATE FOUNDED: 1961

TRAINING PROGRAM: Statistics

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Statistics	Agent Technique	Enrolled in the "classe de seconde" and entrance examination or professional examination	1 year
	Adjoint Technique de la Statistique	Enrolled in the "classe de terminale" and entrance examination or professional examination	2 years
	Ingénieur des Travaux Statistiques	Baccalauréat and entrance examination or professional examination	4 years
		DUES	3 years

COURSE DESCRIPTION: Agent technique training includes 8 months of classroom and practicum and 1 month of internship. The objective is to provide students with a basic understanding of statistics, economics, and demography. The breakdown of classroom study for the agent technique and adjoint technique programs is as follows: 11% mathematics, 4% statistics, 18% economics, 6% data processing, 10% language, and 51% other activities.

At the ingénieur level, students receive a foundation in statistics and demography (31%); the remaining time is: 20% economics, 15% mathematics, 8% data processing, 9% language, and 17% case study analysis. The first year of the 4-year program is designed to upgrade students' mathematics skills.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION Procedures: Applications should be sent to ENSEA prior to April 15 via the Direction de la Statistique at either the Ministère du Plan or the Ministère des Finances in the candidate's country. Candidates taking the entrance exam must submit an entrance request, curriculum vitae, birth certificate, copies of academic transcripts, proof of citizenship, and a medical certificate. Candidates may enter the Ingénieur des Travaux program sur titre either in the preparatory year (for holders of Baccalauréat) or in the first year (for holders of DUES).

FINANCIAL REQUIREMENTS: Tuition: Ingénieur des Travaux--405,000 F CFA/year; Adjoint Technique--360,000 F CFA/year; Agent Technique--360,000 F CFA/year
Lodging in Dormitory (on-campus): 7,500 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agent Technique	6	-	9	3	15	3
Adjoint Technique	14	-	8	3	22	3
Ingénieur des Travaux	24	1	41	2	65	3
Total	44	1	58	8	102	9

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agent Technique	11	1	1	2	12	3
Adjoint Technique	10	-	1	-	11	-
Ingénieur des Travaux	11	-	11	-	22	-
Total	32	1	13	2	45	3

Foreign Student Enrollment

COUNTRY OF ORIGIN	1984-1985	1983-1984	1982-1983
Benin	4	2	2
Burkina Faso	6	7	8
Burundi	1	-	-
CAR	5	4	4
Chad	4	4	1
Comores	7	5	2
Congo	17	5	14
Djibouti	3	-	-
Gabon	-	-	1
Madagascar	6	2	2
Mali	-	1	2
Mauritania	1	3	2
Niger	6	4	1
Senegal	4	6	5
Togo	1	3	4
Zaire	1	-	-
Total	66	46	48

INTERNSHIP: The Agent Technique interns for 1 month. At the Adjoint Technique level, the internship is 2 months. At the Ingénieur level, there is a 6-month internship in the fourth year, when the student interns with a school or a private business such as Air Afrique.

COMPUTER TRAINING: Microcomputers are available and BASIC is the introductory language.

FACULTY QUALIFICATIONS: The six full-time professors are graduates of the Institut National de la Statistique et des Etudes Economiques (INSEE), Paris.

Full-Time/Part-Time Faculty

FACULTY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Full-Time	3	-	6	-	9	-
Part-Time	20	-	18	-	38	-
Total	23	-	24	-	47	-

Facilities and Services

Classrooms	7 classrooms of 20 places each
Library	4,000 volumes
Housing	These services are available through the <u>Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Education Nationale et de la Recherche Scientifique</u>
Transportation	
Health Care	
Food Service	

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Institut de Statistique, de Planification et d'Economie Appliquée (ISPEA), Yaoundé, Cameroon
 2. Institut Africain et Mauricien de Statistique et d'Economie Appliquée (IAMSEA), Kigali, Rwanda
 3. Centre Européen de Formation des Statisticiens Economistes des Pays en Voie de Développement (CESD), Paris

ADDITIONAL INFORMATION: A catalog and detailed course descriptions are available from the Office of the Director, ENSEA.

NAME OF INSTITUTION: **ECOLE SUPERIEURE DE COMMERCE
D'ABIDJAN (ESCA)**
Institut National Supérieur de l'Enseignement Technique
(INSET)

MAILING ADDRESS: B.P. V79
Abidjan, Ivory Coast

TELEPHONE: 44-45-61
44-42-88

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche
Scientifique, Government of the Republic of the Ivory
Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1975

TRAINING PROGRAM: Business Administration

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Business Administration	Diplôme de l'ESCA	To enter first year: Baccalauréat and entrance examination	5 years
		To enter second year: DEUG in Economics and entrance examination	4 years
		To enter third year: DUT, 2 years of professional experience, and entrance examination	3 years

COURSE DESCRIPTION: The Ecole Supérieure de Commerce d'Abidjan (ESCA) accepts only 25 students each year, four of whom are from other African countries.

Students spend the first 3 years in a business/management core program (accounting, finance, economics, quantitative techniques, management, marketing, economics, law, and languages). At the end of the fourth year, students select their career field and study that industry's characteristics, methods, and problems.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Director of ESCA by June. Entrance examinations are conducted in July. Foreign candidates must have a scholarship from their government and approval of the Ministère de l'Education Nationale et de la Recherche Scientifique of the Ivory Coast.

FINANCIAL REQUIREMENTS FOR FOREIGN STUDENTS: Registration Fee: 7,500 F CFA
Lodging in Dormitory (on-campus): 7,500 F CFA/month
Food Service (on-campus): 450 F CFA/day
Books and Materials: 100,000 F CFA/year
Estimated Cost of Living in Abidjan (includes housing and food): 70,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Level of Study, 1984-1985

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Year	16	4	5	-	21	4
Second Year	17	5	3	-	20	5
Third Year	16	7	2	-	18	7
Fourth Year	16	3	4	-	20	3
Fifth Year	13	6	6	-	19	6
Total	78	25	20	-	98	25

Graduates by Field of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Business Administration	20	3	2	-	22	3

Business Administration/ESCA/Ivory Coast

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Burkina Faso	6
Mali	4
Togo	10
Total	20

INTERNSHIP: Students are frequently in contact with local industries through three internships and two field trips. At the end of the fourth year, they participate in a pre-employment internship in an Ivoirien business or industry.

COMPUTER TRAINING: The school offers courses in management information systems.

INSET Faculty by Diploma/Degree and Speciality, 1983-1984*

DIPLOMA/DEGREE	INSET TOTAL	AREAS OF SPECIALIZATION RELEVANT TO ESCA	
		Economics/Management	Finance/Accounting
Doctorat	17	3	1
DEA	24	5	2
DESS	11	2	2
Agrégation	14	-	1
Certifié (CAP)	20	-	3
Ingénieur	72	-	-
Grandes Ecoles	26	1	2
Others	32	2	1
Total	216	13	12

*INSET's faculty is composed of 82 Ivoiriens and 134 expatriates. Although faculty breakdown by school was unavailable, breakdown by area of specialization was available for INSET as a whole.

Facilities and Services

Classrooms 3 classrooms (number of places unspecified)

Laboratories Language lab

Housing

Transportation

Health Care

Food Service

Foreign Student
Counselor

Bookstore

These services are available through the
Centre National des Oeuvres Universitaires (CNOU),
Ministère de l'Education Nationale et de
la Recherche Scientifique.

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS: 1. Chambres de Commerce, Paris, France
 2. l'Ecole des Hautes Etudes Commerciales (HEC), Paris,
 France

ADDITIONAL
INFORMATION: Contact the Director of ESCA for additional information.

NAME OF INSTITUTION: **INSTITUT SUPERIEUR DE COMPTABILITE (ISC)**

Institut National Supérieur de l'Enseignement Technique
(INSET)

MAILING ADDRESS: B.P. V79
Abidjan, Ivory Coast

TELEPHONE: 44-42-88

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1980

TRAINING PROGRAM: Accounting

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Management and Accounting	Brevet de Technicien Supérieur (BTS)	Brevet de Technicien or	<u>2 years</u>
	Diplôme Universitaire de Technologie (DUT)	Baccalauréat series G2 and entrance examination	2 years
Financial Management	Diplôme Universitaire de Technologie (DUT)	Baccalauréat and entrance examination	2 years
Accounting Preparatory Cycle	Certificat Préparatoire aux Etudes Comptables et Financières (CPECF)	Baccalauréat and entrance examination	2 years
Normal Cycle	Diplôme d'Etudes Comptables Supérieures (DECS)	CPECF	2 years
Advanced Cycle	Diplôme d'Expertise Comptable	DECS	3 years

COURSE DESCRIPTION: ISC offers three programs in accounting. The first, management and accounting, includes general accounting, fiscal law, mathematics, statistics, data processing, and creating accounting systems. Practical training in a commercial setting takes place during both years; in the second year, the student and the employer identify a management problem for the student to analyze, and the student must write a report on this topic.

The second prepares Techniciens Supérieurs in financial management. Courses include general economics, organizational structure, commercial management, production, investment, human resource management, quantitative analysis, applied statistics, English, data and information processing, business law, and contracting.

The third is a 7-year program divided into three cycles. Courses in the Preparatory Cycle include law, economics, quantitative methods, accounting, foreign language, and commercial operations. Programs of study for the Normal Cycle and Advanced Cycle were being developed at the time of the study.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to INSET by June 15. Foreign candidates must obtain a scholarship from their government and be approved by the Ministère de l'Education Nationale et de la Recherche Scientifique, Ivory Coast.

FINANCIAL REQUIREMENTS: Registration Fee: 7,500 F CFA
Lodging in Dormitory (on-campus): 7,500 F CFA/month
Food Service (on-campus): 450 F CFA/day
Books and Materials: 100,000 F CFA/year
Estimated Cost of Living in Abidjan (includes housing and food): 70,000 F CFA month

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management and Accounting (BTS)	75	10	8	2	83	12
Management and Accounting (DUT)	34	6	1	1	35	7
Financial Management	19	4	3	-	22	4
Accounting (Preparatory)	20	5	1	-	21	5
Total	148	25	13	3	161	28

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Finance and Accounting (BTS)	36	8	4	1	40	9

INTERNSHIP: Students intern with businesses and organizations for a total of 400 hours during their first and second years.

COMPUTER TRAINING: Available but unspecified

INSET Faculty by Diploma/Degree and Specialty, 1983-1984*

DIPLOMA/DEGREE	INSET TOTAL	AREAS OF SPECIALIZATION RELEVANT TO ISC	
		Finance/Accounting	Economics/Management
Doctorat	17	1	3
DEA	24	2	5
DESS	11	2	2
Agrégation	14	1	-
Certifié (CAP)	20	3	-
Ingénieur	72	-	-
Grandes Ecoles	26	2	1
Others	32	1	3
Total	216	12	14

*INSET's faculty is composed of 82 Ivoiriens and 134 expatriates. Although faculty breakdown by school was unavailable, breakdown by area of specialization was available for INSET as a whole.

Facilities and Services

Classrooms	10 classrooms of 30 places each
Laboratories	1 language lab for English, Spanish, Italian, and Arabic and an accounting office
Library	Documentation center with technical journals
Housing	
Transportation	
Health Care	These services are available through the Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Education Nationale et de la Recherche Scientifique.
Food Service	
Foreign Student Counselor	
Bookstore	

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Centre National des Arts et Métiers (CNAM), Paris

ADDITIONAL INFORMATION: A 1984 brochure with comprehensive course descriptions is available from the Office of the Director, ISC.

NAME OF INSTITUTION: **INSTITUT SUPERIEUR D'INFORMATIQUE (ISI)**

Institut National Supérieur de l'Enseignement Technique
(INSET)

MAILING ADDRESS: B.P. Y79
Abidjan, Ivory Coast

TELEPHONE: 44-42-88
44-95-61

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1980

TRAINING PROGRAM: Management Program Analyst

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS	LENGTH
Management Program Analyst	Diplôme de l'ISI	Baccalauréat series C, D, or E; or entrance examination	3 years

COURSE DESCRIPTION: The first year of the program is devoted to organizational techniques and introduction to data processing. The second year stresses management and strengthens programming skills. Courses in the final year focus on perfecting management techniques, analysis skills, and the design of actual projects. On-the-job training in local businesses takes place throughout the program. Computer programming includes BASIC, PASCAL, COBOL, GAP II, and FORTRAN. The program includes French, English, economics, law, and the social sciences. Students participate in round-table discussions and conferences led by business professionals as well as professors.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Director of the ISI before June. Foreign applicants should have a scholarship from their government and approval of the Ministère de l'Education Nationale et de la Recherche Scientifique, Ivory Coast.

FINANCIAL REQUIREMENTS: Registration Fee: 7,500 F CFA
 Lodging in Dormitory (on-campus): 7,500 F CFA/month
 Food Service (on-campus): 450 F CFA/day
 Books and Materials: 50,000 F CFA/year
 Estimated Cost of Living in Abidjan (includes housing and food): 70,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management Program Analyst	59	8	7	1	66	9

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management Program Analyst	22	5	1	2	23	7

Business Management/ISI/Ivory Coast

Foreign Student Enrollment

COUNTRY OF ORIGIN	1984-1985
Benin	4
Burkina Faso	1
Togo	3
Total	8

INTERNSHIP: All students are required to intern with businesses during their training. The internship offers the student an opportunity to deal with management problems and to become familiar with the day-to-day problems that exist in an organizational setting.

COMPUTER TRAINING: Offered each year. Computer programming includes BASIC, PASCAL, COBOL, GAP II, and FORTRAN. INSET, Abidjan has one Burroughs 1865 with 14 terminals, one IBM 34 with 12 terminals, and 3 IBM PCs.

INSET Faculty by Diploma/Degree and Specialty, 1983-1984*

DIPLOMA/DEGREE	INSET TOTAL	AREAS OF SPECIALIZATION RELEVANT TO ISI	
		Computer Sciences	Management/Economics
Doctorat	17	-	3
DEA	24	1	5
DESS	11	-	2
Agrégation	14	-	-
Certifié	20	1	-
Ingénieur	72	3	-
Grandes Ecoles	26	1	1
Others	32	1	3
Total	216	7	13

*INSET's faculty is composed of 82 Ivoiriens and 134 expatriates. Although faculty breakdown by schools was unavailable, breakdown by area of specialization was available for INSET as a whole.

Facilities and Services

<u>Classrooms</u>	Total capacity of 100 places
<u>Library</u>	Number of volumes unspecified
<u>Housing</u>	
<u>Transportation</u>	
<u>Health Care</u>	<u>These services are available through the Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Éducation Nationale et de la Recherche Scientifique.</u>
<u>Food Service</u>	
<u>Foreign Student Counselor</u>	

ADDITIONAL
INFORMATION: Contact the Director of ISI for additional information.

NAME OF INSTITUTION: **INSTITUT DE TECHNOLOGIE TERTIAIRE (ITT)**

Institut National Supérieur de l'Enseignement Technique
(INSET)

MAILING ADDRESS: B.P. V79
Abidjan, Ivory Coast

TELEPHONE: 44-42-88
44-45-61

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast

DATE FOUNDED: 1975

TRAINING PROGRAM: Finance/Accounting and Commercial Management

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Finance/ Accounting	Diplôme Universitaire de Technologie (DUT)	Baccalauréat G2, entrance exami- nation and under 25 years of age	2 years
Commercial Management		Baccalauréat A4, B, C, D or G2; entrance examination and under 25 years of age	2 years

COURSE DESCRIPTION: ITT offers general studies for both options (870 hours of mathematics, statistics, English, etc.), economics and legal instruction for both options (570 hours), and specialized instruction (630 hours for finance/accounting and 780 hours for commercial management). The program has two internship periods ranging from 1.5-3 months. Students must prepare a final paper and defend it before a panel. Students are evaluated on an ongoing basis.

LANGUAGE: French

ACADEMIC YEAR: July - March

ADMISSION PROCEDURES: Applications for both programs should be sent to INSET by June 15. Final selection is made by a committee composed of INSET professors and members of the local business community. Foreign candidates must have a scholarship from their government and be approved by the Ministère de l'Education Nationale et de la Recherche Scientifique, Ivory Coast.

FINANCIAL REQUIREMENTS: Registration Fee: 7,500 F CFA
 Lodging in Dormitory (on-campus): 7,500 F CFA/month
 Books and Materials: 50,000 F CFA/year
 Food Service (on-campus): 450 F CFA/day
 Estimated Cost of Living in Abidjan (includes housing and food): 70,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Finance/ Accounting	40	18	4	2	44	20
Commercial Management	58	17	8	3	66	20
Total	98	35	12	5	110	40

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Finance/ Accounting	28	4	2	-	30	4
Commercial Management	15	8	2	1	17	9
Total	43	12	4	1	47	13

INTERNSHIP: Students have an orientation internship at local business enterprises for 1.5 months after the first year and a technical internship for 1.5 months during the second year. Both students and professors maintain close contact with the place of internship during training. Students have two study tours, one in the Ivory Coast after the first semester of the first year and the other in a foreign country after defending their paper.

COMPUTER TRAINING: Four hours/week of computer training are included in both programs.

INSET Faculty by Diploma/Degree and Specialty, 1983-1984*

DIPLOMA/DEGREE	INSET TOTAL	AREAS OF SPECIALIZATION RELEVANT TO ITT			
		Finance	Management	English	Math
Doctorat	17	1	3	1	-
DEA	24	2	5	3	-
DESS	11	2	2	-	-
Agrégation	14	1	-	3	2
Certifié (CAP)	20	3	-	-	-
Ingénieur	72	-	1	-	-
Grandes Ecoles	26	2	3	3	-
Others	32	1	-	-	-
Total	216	12	14	10	2

*INSET's faculty is composed of 82 Ivoiriens and 134 expatriates. Although faculty breakdown by school was unavailable, breakdown by areas of faculty specialization was available for INSET as a whole.

Facilities and Services

Classrooms 6 classrooms

Laboratories Audiovisual lab and language lab

Library Number of volumes unspecified

Housing

Transportation

Health Care

These services are available through the Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Education Nationale et de la Recherche Scientifique.

Food Service

Foreign Student
Counselor

Bookstore

OTHER SERVICES: CNOU services are available to students' families.

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Centre d'Enseignement Supérieur des Affaires (CESA), Paris

ADDITIONAL
INFORMATION: Brochures and course descriptions are available from the Office of the Director, ITT.

NAME OF INSTITUTION: ECOLE DES HAUTES ETUDES PRATIQUES (EHEP)

MAILING ADDRESS: B.P. 242
Bamako, Mali

TELEPHONE: 22-65-13

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of the Republic of Mali

FUNDING SOURCE: Government of the Republic of Mali

DATE FOUNDED: 1974

TRAINING PROGRAM: Accounting, Management and Secretarial

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Accounting</u>	Diplôme Universitaire de Technicien Supérieur (DUTS)	Baccalauréat and entrance examination	2 years
<u>Management</u>			
<u>Secretarial</u>			

COURSE DESCRIPTION: Students pursuing diplomas in accounting or management spend the first year in a core studies program that concentrates on accounting, mathematics, statistics, economics, and law. At the end of the year, they select either the accounting or management option.

Students in the secretarial program spend the first year in a core studies program learning administrative skills such as typing, dictation, office organization, and French. Students then select a second year option of commerce or administration.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Secrétaire Général of EHEP by September.

FINANCIAL REQUIREMENTS: Estimated Cost of Living in Bamako (includes housing and food): 61,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Bamako, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Program	401		14		415	
Accounting						
Second year	86		7		93	
Management						
Second year	96		4		100	
Secretarial (both years)	234		19		253	
Total	817		44		861	

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
CAR	9
Niger	10
Total	19

CLASSROOM/PRACTICUM: Students in all options spend approximately 32 hours/week in classroom activities.

FACULTY QUALIFICATIONS: Professor: Doctorat 3^{ème} Cycle
and Certificat d'Aptitude Pédagogique à l'Enseignement
Technique; Associate Professor: Maîtrise or Diplôme
d'Etudes Supérieures; Assistant: Diplôme Universitaire de
Technologie.

Facilities and Services

Classrooms	15 classrooms with a total of 320 places
Laboratories	Typing room
Library	700 volumes
Health Care	Small unit on-campus

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Université d'Angers, France

ADDITIONAL INFORMATION: Contact the Secrétaire Général, EHEP, for additional information.

NAME OF INSTITUTION: CENTRE D'ETUDES DES SCIENCES ET TECHNIQUES
DE L'INFORMATION (CESTI)

Université de Dakar

MAILING ADDRESS: CESTI
Université de Dakar
Dakar, Senegal

TELEPHONE: 23-07-58
21-68-75
23-03-66

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of the
Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal, Canadian
International Development Agency (CIDA)

DATE FOUNDED: 1967

TRAINING PROGRAM: Journalism and Communications

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Radio/TV	Licence (Diplôme Supérieur de)	Baccalauréat and entrance	3 years
Print Media	Journalisme)	examination	

COURSE DESCRIPTION: Students follow a core program during the first 2 years.
In the third year they select a specialized program in
radio/TV or print media.

LANGUAGE: French

ACADEMIC YEAR: Begins end of October

ADMISSION PROCEDURES: Applications should be sent to CESTI before the end of April. Entrance examinations are organized in each country between May and June. Final selection of candidates is made at CESTI based on candidates' qualifications and country quotas.

FINANCIAL REQUIREMENTS: Tuition: 53,150 F CFA/year
 Fee for Centre des Oeuvres Universitaires de Dakar: 250,000 F CFA/year
 Lodging in Dormitory (on-campus): 3,250 F CFA/month
 Food Service (on-campus): 20,000 F CFA/month
 Books and Materials: 25,000 F CFA/month
 Estimated Cost of Living in Dakar (includes housing and food): 60,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Program	-	-	-	-	68	
Radio/TV (Third Year)	6	3	12	2	23	
Print Media (Third Year)	4	1	1	-	6	
Total	10	4	13	2	97	

FOREIGN STUDENT ENROLLMENT: During the last 4 years, students from the following countries have attended CESTI: Benin, Burkina Faso, Burundi, Chad, Guinea, the Ivory Coast, Mali, Mauritania, Mauritius, Niger, Rwanda, and Togo.

INTERNSHIP: Students participate in a 3-month internship at a journalistic enterprise during summer vacations. At the end of the program they spend 4 weeks in Canada with the Programme de Formation des Communications Africaines (PFCA) at the University of Montreal or with the International Institute of Communication (IIC) in Montreal.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat or Doctorat 3ème Cycle; Assistant: Diplôme d'Etudes Avancées (DEA).

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	10	1	-	-	10	1
DEA	-	-	4	-	4	-
Total	10	1	4	-	14	1

Facilities and Services

Classrooms	10 classrooms of 50-100 places each
Laboratories	1 photography lab and 5 television/radio studios
Library	Record and videotape libraries
Transportation	Available between campus and downtown
Housing	
Health Care	These services are available through the <u>Centre des Oeuvres Universitaires de Dakar (COUD)</u> .
Food Service	
Foreign Student Counselor	
Bookstore	

OTHER SERVICES: COUD services are available to students' families.

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:

1. Institut International de Communication (IIC), Montreal
2. Centre de Formation et de Perfectionnement des Journalistes (CFPJ), Paris

ADDITIONAL INFORMATION: Contact the Directeur des Etudes, CESTI, for additional information.

NAME OF INSTITUTION: **ECOLE DES BIBLIOTHECAIRES, ARCHIVISTES ET DOCUMENTALISTES (EBAD)**

Université de Dakar

MAILING ADDRESS: Université de Dakar
B.P. 3252
Dakar, Senegal

TELEPHONE: 23-05-42
23-07-39

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of the Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal

DATE FOUNDED: 1963

TRAINING PROGRAM: Library, Archives, and Documentation

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS	LENGTH
<u>First Cycle</u>			
<u>Archivists</u>	Diplôme d'Aptitude (Level DUT)	Baccalauréat and entrance examination	2 years
<u>Librarians</u>			
<u>Documentalists</u>			
<u>Second Cycle</u>			
<u>Information and Communication</u>	Diplôme Supérieur	Licence and entrance examination or First Cycle EBAD, 3 years of experience and entrance examination	2 years

COURSE DESCRIPTION: The first year of the Second Cycle is a core program. During the second year, students choose one of three options (archivist, librarian, or documentalist) as a specialty.

LANGUAGE: French

ACADEMIC YEAR: Begins November 1

ADMISSION PROCEDURES: Applications should be sent by the applicant's government to the Ministère de l'Enseignement Supérieur, Dakar, with a copy of the applicant's diploma and birth certificate before the end of June. Contact the Director of EBAD for information on the date and location of entrance examinations.

FINANCIAL REQUIREMENTS: Registration Fee: 50,000 F CFA/year
Lodging in Dormitory and Food Service (on-campus): 450,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Dakar campus, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Archivists	14	4	25	10	39	14
Librarians	11	8	20	15	31	23
Documentalists	19	7	32	16	51	23
Second Cycle	11	5	1	-	12	5
Total	55	24	78	41	133	65

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Archivists	14	4	22	8	36	12
Librarians	10	8	20	15	30	23
Documentalists	17	5	29	14	46	19
Total	41	17	71	37	112	54

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982
Benin	8	12	10
Burkina Faso	21	23	24
Burundi	-	-	2
CAR	16	13	10
Cameroon	8	12	11
Cape Verde	-	2	2
Chad	-	3	7
Comores	3	13	5
Gabon	5	8	8
Haiti	-	-	1
Ivory Coast	17	25	20
Madagascar	-	-	1
Mali	1	5	7
Mauritania	4	3	3
Niger	14	12	7
Rwanda	-	-	1
Togo	22	22	1
Zaire	-	2	4
Total	119	155	144

INTERNSHIP: Students have a 2-month internship in their area of specialization.

COMPUTER TRAINING: Available but unspecified.

FACULTY QUALIFICATIONS: The requirements to teach at EBAD are Doctorat 3ème Cycle and a professional diploma as an archivist, librarian, or documentalist.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	4	-	-	-	4	-
Maîtrise	7	-	2	-	9	-
Total	11	-	2	-	13	-

Facilities and Services

Classrooms	7 classrooms of 40 places each and 1 amphitheatre of 200 places
Library	7,000 volumes and 50 specialized periodicals
Housing	
Transportation	These services are available through the <u>Centre de Oeuvres Universitaires de Dakar (COUD)</u> .
Health Care	
Food Service	

OTHER SERVICES: Students' families have access to some of the services provided by COUD.

ADDITIONAL INFORMATION: Contact the Director of EBAD for additional information.

NAME OF INSTITUTION: ECOLE NATIONALE D'ECONOMIE
APPLIQUEE (ENEA)

MAILING ADDRESS: B.P. 5084
Dakar, Senegal

TELEPHONE: 21-79-28
22-31-75

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of the
Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal; United Nations
Development Program (UNDP); Institut du Sahel

DATE FOUNDED: 1963

TRAINING PROGRAM: Training of mid-level development cadres with an emphasis
on rural development

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Infrastructure Planning	Ingénieur des Travaux		
Community Works	Inspecteur d'Animation		
Cooperatives	Contrôleur	Baccalauréat	3 years
Training	Médiateur Pédagogique		
Planning	Ingénieur des Travaux		
Statistics	Ingénieur des Travaux		
Community Works		Diplôme de Fin d'Etudes Moyennes (DFEM)	3 years
Cooperatives	Agent Technique		
Statistics			

COURSE DESCRIPTION: The degrees Inspecteur d'Animation, Contrôleur, and
Médiateur Pédagogique are at the Ingénieur des Travaux
level.

The community works course is designed for community workers responsible for raising the awareness of local communities; the planning course focuses on the management of development projects.

At both levels, the 3-year program begins with a 1-year core studies program common to all fields of study except statistics.

LANGUAGE: French

ACADEMIC YEAR: The statistics program begins in October; other programs begin in January.

ADMISSION PROCEDURES: Applications should be sent to the Director of ENEA before July through government authorities in the applicant's country. There is an entrance examination for candidates in the statistics program.

FINANCIAL REQUIREMENTS: Tuition: 736,000 F CFA/year
Lodging in Dormitory: 3,000 F CFA/month
Food Service (on-campus): 10,000 F CFA/month
Books and Materials (includes uniforms): 515,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Program	24	1	7	3	31	4
Infrastructure Planning	14	1	-	-	14	1
Community Works	18	1	3	2	21	3
Cooperatives	15	-	-	-	15	-
Training	15	2	-	-	15	2
Planning	18	3	1	-	19	3
Statistics	23	-	14	1	37	1
Total	127	8	25	6	152	14

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Training	27	2	-	-	27	2
Planning	17	3	5	-	22	3
Statistics	11	1	12	1	23	2
Total	55	6	17	1	72	7

FOREIGN STUDENT ENROLLMENT: In 1984, students from the following countries attended ENEA: Burkina Faso, Cape Verde, CAR, Chad, Guinea, Mali, Mauritania, and Niger.

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Core Program	27 hrs.	3 hrs.
Infrastructure Planning	27 hrs.	3 hrs.
Cooperatives	27 hrs.	-
Training	24 hrs.	3 hrs.
Planning	27 hrs.	-
Statistics	30 hrs.	-

INTERNSHIP: For all fields except statistics, there are five internship periods: introduction to the rural environment (2 weeks); basic analysis (2 weeks); analysis of rural development issues (5 months); a pre-professional internship of 5-6 months; and a professional internship of 5-6 months.

FACULTY QUALIFICATIONS: Professor and Associate Professor: University degree and practical experience in development; Assistant: minimum of an ENEA degree.

FULL-TIME FACULTY: There is a total of 26 full-time faculty members; 16 are nationals and 10 are expatriates.

PART-TIME FACULTY: There are five part-time instructors in each field of study.

Facilities and Services

Classrooms	7 classrooms of 30 places each, 2 auditoriums of 150 places each, and 1 amphitheatre of 200 places
Laboratories	1 audiovisual lab
Library	Books, journals, and degree papers of former students (number of volumes unspecified)
Housing	Available on campus
Health Care	On-campus
Restaurant	On-campus
Foreign Student Counselor	Provided by teachers and administrators

OTHER SERVICES: Socio-cultural activities, sports, and a movie club.

ADDITIONAL INFORMATION: Contact the Directeur des Etudes et des Stages, ENEA, for additional information.

NAME OF INSTITUTION: INSTITUT AFRICAIN DE DEVELOPPEMENT
ECONOMIQUE ET DE PLANIFICATION DES NATIONS
UNIES (IDEP)

MAILING ADDRESS: rue du 18 Juin
B.P. 3186
Dakar, Senegal

TELEPHONE: 22-10-20

TELEX: 579

SUPERVISORY United Nations Development Program (UNDP) and member
AUTHORITY: states of the United Nations Economic Commission for
Africa (ECA)

FUNDING SOURCE: United Nations Development Program (UNDP)

DATE FOUNDED: 1962

TRAINING PROGRAM: Development Planning

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Development	Diplôme d'Etudes	Maîtrise or equivalent	2 years
Planning	Approfondies		

COURSE DESCRIPTION: The 2-year program consists of the following components:
I. Basic training in development and planning (9 months)
II. Four specialized programs (3 months each):
industrialization in Africa, energy and development,
human resources development and manpower planning,
and agriculture and rural development
III. Research training (6 months)

Each of these three courses is self-contained. Students who complete all three programs receive a Diplôme d'Etudes Approfondies (DEA). Those who attend only one course receive a certificate of attendance. Entrance requirements to attend courses II and III separately are high-level civil servants and/or have an aptitude for empirical research.

LANGUAGE: French and English

ACADEMIC YEAR: Begins last week of October or first week of November

ADMISSION PROCEDURES: Applications must be sent to the Director of IDEP before May. Applications should specify whether the candidate is interested in the full program or in a particular course. Candidates must be Africans proposed by the government of their country of origin.

FINANCIAL REQUIREMENTS: Tuition: 2 year program (includes medical insurance and book allowance)--U.S. \$10,900; basic training--U.S. \$5,400; specialized program--U.S. \$2,000; research training--U.S. \$3,700

INSTITUTIONAL PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	TOTAL	
	Male	Female
Basic Training	40	10
Specialized Program	14	3
Research Training	14	3
Total	68	16

Graduates by Level of Study, 1984: There was a total of 26 graduates, 18 males and 8 females.

Student Enrollment by Country of Origin

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	2	-	6	4
Burkina Faso	4	3	3	-
Chad	1	2	-	-
Ethiopia	1	2	1	1
Liberia	3	-	3	2
Malawi	-	2	4	2
Niger	5	7	-	7
Senegal	10	-	-	-
Tanzania	3	2	1	2
Togo	2	1	1	2
Zaire	2	1	4	2
Zimbabwe	1	-	4	4
Total	34	20	27	27

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Basic Training	12 hrs.	13 hrs.
Specialized Program	10 hrs.	18 hrs.

COMPUTER TRAINING: Available but unspecified.

FACULTY QUALIFICATIONS: All faculty members hold a Ph.D. or Doctorat d'Etat.

Full- and Part-Time Faculty

FACULTY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Full-Time	4	-	-	-	4	-
Part-Time	2	-	1	-	3	-
Total	6	-	1	-	7	-

Facilities and Services

Classrooms	1 classroom with facilities for interpretation and 1 amphitheatre with 60 places
Library	12,000 volumes
Foreign Student Counselor	Provided by the school
Bookstore	On-campus

OTHER SERVICES: Services are available to students' families.

ADDITIONAL INFORMATION: A brochure is available from the Office of IDEP.

NAME OF INSTITUTION: **ECOLE SUPERIEURE DES TECHNIQUES
ECONOMIQUES, DE GESTION ET DE
COMMERCE (ESTEG)**

Université du Bénin

MAILING ADDRESS: B.P. 1515
Lomé, Togo

TELEPHONE: 21-50-70

SUPERVISORY AUTHORITY: Ministère de l'Éducation Nationale, Government of the
Republic of Togo

FUNDING SOURCE: Government of the Republic of Togo

TRAINING PROGRAM: Economics and Management

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
General Economics	Maîtrise	Baccalauréat	4 years
Management			

COURSE DESCRIPTION: The program includes 1 year of core studies and 3 years of specialization in general economics or management.

LANGUAGE: French

ACADEMIC YEAR: Begins mid-October

ADMISSION PROCEDURES: Applications should be sent to the Service de la Scolarité, Université du Bénin, before the end of September. Final selection is made by the Direction des Etudes et Programmes, Université du Bénin.

FINANCIAL REQUIREMENTS: Registration Fee: 4,250 F CFA/year
Tuition: 125,000 F CFA/year
Lodging in Dormitory (on-campus): 2,000 F CFA/month
Food Service (on-campus): 7,000 F CFA/month
Books and Materials: 125,000 F CFA/year
Estimated Cost of Living in Lomé (includes housing and food): 50,000 F CFA/month

INSTITUTIONAL

PROFILE: LOCATION: Lomé, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Studies Program	325	50	50	10	375	60
General Economics	40	10	15	5	55	15
Management	300	30	60	20	360	50
Total	665	90	125	35	790	125

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
General Economics	8	1	11		20	
Management	56	9	21	7	77	16
Total	64	10	39		113	

FOREIGN STUDENT ENROLLMENT: In 1984, students from the following countries attended ESTEG: Benin, Burkina Faso, Congo, Gabon, Ghana, the Ivory Coast, Mali, Niger, Nigeria, and Zaire.

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
General Economics	15 hrs.	7 1/2 hrs.
Management	15 hrs.	7 1/2 hrs.

INTERNSHIP: At the end of the third year, students in general economics intern for 1.5 months in a government agency, and students in management intern for 2 months in a private or public company.

COMPUTER TRAINING: Students are trained in the use of computers. ESTEG has six Apple microcomputers.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat, Agrégation, and publications; Associate Professor: Doctorat d'Etat and publications; Assistant: Doctorat 3ème Cycle.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	4	-	-	-	4	-
Doctorat 3ème Cycle	18	-	3	-	21	-
DES	1	2	-	-	1	2
Total	23	2	3	-	26	2

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	3	-	4	1	7	1

Facilities and Services

<u>Classrooms</u>	2 classrooms of 30 places each, 5 classrooms of 60 places each, and 3 auditoriums of 200 places each
<u>Library</u>	Number of volumes unknown
<u>Housing</u>	
<u>Transportation</u>	These services are available through the <u>Centre National des Oeuvres Universitaires (CNOU)</u> , <u>Université du Bénin</u>
<u>Health Care</u>	
<u>Food Service</u>	

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:

1. Université de Poitiers, France
2. Université de Moncton, Canada
3. Boston University, U.S.A.

ADDITIONAL INFORMATION: Contact the Service de la Scolarité, Université du Bénin for additional information.

NAME OF INSTITUTION: **INSTITUT SUPERIEUR DE COMMERCE (ISC)**

MAILING ADDRESS: B.P. 16596
Avenue du 24 Novembre
Kinshasa, 1, Zaire

TELEPHONE: 31931

SUPERVISORY AUTHORITY: Commissariat à l'Enseignement Supérieur, Government of the
Republic of Zaire

FUNDING SOURCE: Government of the Republic of Zaire

DATE FOUNDED: 1962

TRAINING PROGRAM: Trade and Finance

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Finance	Graduat	<u>Diplôme d'Etat</u>	<u>3 years</u>
Computer Science	Graduat		<u>3 years</u>
Executive Secretary	Capacitariat		<u>2 years</u>

COURSE DESCRIPTION: The first year of the finance and computer science programs is a core studies program. Day and evening courses are available; the evening course requires 4 years and is accessible only to applicants who are employed.

LANGUAGE: French

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to the General Director of ISC before July. Final selection is made at ISC.

FINANCIAL REQUIREMENTS: Registration Fee: 1,000 Z/year (day students) and 2,000 Z/year (evening students). The government scholarship is presently 2,500 Z/month.

INSTITUTIONAL PROFILE: LOCATION: Kinshasa, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL	FOREIGN	TOTAL
Finance and Computer Science	3,706	43	3,749
Executive Secretary	378	-	378
Total	4,084	43	4,127

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL	
	Male	Female
Finance and Computer Science	375	
Executive Secretary	120	
Total	495	

CLASSROOM/PRACTICUM: Course hours are divided equally between classroom instruction and practical training.

INTERNSHIP: Graduate-level students intern for 3 months in private enterprise. Secretarial students intern for 2 months.

FACULTY QUALIFICATIONS: Professor: 4 years of experience as Associate Professor and publications; Associate Professor: Doctorat, 4 years of experience as Assistant, and publications; Assistant: Licence with honors.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat	2	-	-	-	2	-
Maitrise	13	-	1	-	14	-
Licence	41	2	2	-	43	2
Graduat	2	1	-	-	2	1
Total	58	3	3	-	61	3

Facilities and Services

Classrooms	9 classrooms of 50 places each and 5 auditoriums of 100 places each
Library	Number of volumes unspecified
Housing	On-campus
Health Care	On-campus
Foreign Student Counselor	Available through Service des Affaires Sociales, ISC

ADDITIONAL INFORMATION: Contact the Director of Academic Services, ISC for additional information.

NAME OF INSTITUTION: **INSTITUT UNIVERSITAIRE DE TECHNOLOGIE (IUT)**

Université de Ouagadougou

MAILING ADDRESS: B.P. 7021
Ouagadougou, Burkina Faso

TELEX: 5270 Univ.
Ouagadougou

TELEPHONE: 33-24-02

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale, Government of
Burkina Faso

FUNDING SOURCE: Government of Burkina Faso

DATE FOUNDED: 1972

TRAINING PROGRAM: Management, Commerce, and Executive Secretary Training

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Management</u>	Diplôme	Baccalauréat Series B, C, D, or	
<u>Commerce</u>	Universitaire de	<u>G2</u>	2 years
<u>Executive</u>	Technologie (DUT)		
<u>Secretary</u>		Baccalauréat G1	

COURSE DESCRIPTION: The first year and the first semester of the second year of the management and commerce programs are a core studies program that includes accounting, data processing, marketing, business economics, business law, English, mathematics, and statistics. Following the core program, students specialize in management (finance, business accounting, banking) or in commerce (marketing, trade, sales management, distribution). IUT employs case study analysis, practical training, visits to various commercial enterprises, and contact with business professionals.

The executive secretary program includes typing, shorthand, English, commercial correspondence, and administrative organization.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Foreign applicants must be presented by their respective Ministries of Higher Education to the Ministère de l'Enseignement Supérieur, Burkina Faso, before June. Applications are reviewed by the Direction de l'Orientation et des Bourses d'Etudes, which makes the final selection.

FINANCIAL REQUIREMENTS: Tuition: 4,625 F CFA/year (for sending countries with exchange agreements)

INSTITUTIONAL PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management and Commerce	50	24	25	6	75	30
Executive Secretary	3	53	4	6	7	59
Total	53	77	29	12	82	89

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management and Commerce	19	8	7	1	26	9
Executive Secretary	1	15	3	1	4	16
Total	20	23	10	2	30	25

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Cameroon	1
Chad	12
Comores	1
Niger	14
Total	28

INTERNSHIP: The management and commerce programs include a 2-month internship with a private business or ministry upon completion of 2 years of study.

The executive secretary program includes a 1-month internship after the first year and a 2-month internship after the second year.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	2				2	
Ingénieur de Conception	2	1			2	1
DEA/DESS	3		3	1	6	1
Maîtrise	2				2	
Total	9	1	3	1	12	2

PART-TIME FACULTY: There is a total of 13 part-time faculty members.

Facilities and Services

Classrooms	6 classrooms and an amphitheater of 200 places
Library	Small library (number of volumes unspecified)
Foreign Student Counselor	Available but unspecified

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS: Fonds d'Aide et de Coopération (FAC); France grants scholarships to selected graduates of the management and commerce programs to continue their studies at the Université de Paris (PARIS XII) and to selected graduates of the secretarial program to attend the Ecole Normale Nationale d'Apprentissage (ENNA) or the Centre de Formation des Professions Techniques, Paris.

ADDITIONAL INFORMATION: Contact the Director of IUT for additional information.

NAME OF INSTITUTION: ECOLE SUPERIEURE DES SCIENCES ECONOMIQUES
ET COMMERCIALES (ESSEC)

Centre Universitaire de Douala

MAILING ADDRESS: B.P. 1931
Douala, Cameroon

TELEPHONE: 42-53-41

CABLE: 42-52-98

SUPERVISORY
AUTHORITY: Government of the Republic of Cameroon

FUNDING SOURCE: Government of the Republic of Cameroon

DATE FOUNDED: 1979

TRAINING PROGRAM: Marketing and Management

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Marketing	Diplôme d'Etudes Supérieures Commer- ciales (DESC)	Baccalauréat and entrance examination	4 years
Management	Diplôme d'Etudes Supérieures en Gestion (DEGS)		4 years

LANGUAGE: French

ACADEMIC YEAR: Begins September 26

ADMISSION PROCEDURES: Applications should be sent to the Director of ESSEC before May 14. Applicants must be approved by the Ministère des Affaires Etrangères and the Ministère de l'Enseignement Supérieur in Cameroon. The entrance examination is highly selective (50 were accepted out of 1300 candidates in 1984) and is organized under the Ministère des Affaires Etrangères in applicant's country.

FINANCIAL REQUIREMENTS: Lodging in Dormitory (includes food and transportation)
(on-campus): 60,000 F CFA/month
Books and Materials: 100,000 F CFA/year
Estimated Cost of Living in Douala (includes housing and food): 55,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Douala, suburban area

Student Enrollment, 1984: There was a total of 214 students enrolled at ESSEC,-210 nationals and 4 expatriates.

Graduates, 1984 and 1983

YEAR	NATIONAL	
	Male	Female
1984	48	7
1983	28	3
Total	76	10

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Chad	4	1	1	1
Congo	(numbers unspecified)			

CLASSROOM/PRACTICUM:

YEAR AND FIELD OF STUDY	HOURS PER YEAR	
	Classroom	Practicum
1st Year	600 hrs.	490 hrs.
2nd Year	600 hrs.	490 hrs.
3rd Year Management	480 hrs.	420 hrs.
3rd Year Marketing	580 hrs.	320 hrs.
4th Year Management	580 hrs.	90 hrs.
4th Year Marketing	508 hrs.	142 hrs.

INTERNSHIP: First- and second-year students intern for 1 month as employees in local companies. Third-year students have a 1-month internship in their field of specialization, and fourth-year students have a 3-month internship in their field of specialization.

COMPUTER TRAINING: Available but unspecified.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat or Ph.D. and Concours d'Agrégation; Associate Professor: Doctorat d'Etat or Doctorat 3ème Cycle; Assistant: Doctorat 3ème Cycle, Master's degree, or DEA.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	2	-	-	-	2	-
Doctorat 3ème Cycle	11	1	-	1	11	2
DEA/Master's	7	-	-	1	7	1
Total	20	1	-	2	20	3

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL	
	Male	Female
Doctorat d'Etat	1	-
Doctorat 3ème Cycle	5	1
DEA/Master's	18	1
Total	24	2

Facilities and Services

Classrooms	A total of 230 places
Laboratories	Computer lab with a CII Honeywell DPS 6I with 8 terminals and a language lab with 30 places
Library	
Housing	
Transportation	These services are coordinated with the Centre Universitaire de Douala. There is limited housing available on-campus.
Health Care	
Food Service	

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:	1. <u>Ecole Supérieure de Commerce, Paris</u>
	2. <u>Hautes Etudes Commerciales (HEC), Montreal</u>
	3. <u>IAG, Université de Louvain, Belgium</u>

ADDITIONAL INFORMATION: Contact the Director of ESSEC for additional information.

NAME OF INSTITUTION: **INSTITUT DE FORMATION ET DE RECHERCHES
DEMOGRAPHIQUES (IFORD)**

MAILING ADDRESS: B.P. 1556
Yaoundé, Cameroon

TELEPHONE: 22-24-71

TELEX: UNDEVPRO 8304 KN

SUPERVISORY AUTHORITY: Board of advisors composed of representatives of the Government of Cameroon and the United Nations

FUNDING SOURCE: United Nations Fund for Population Activities (UNFPA) funds 70%, and member countries fund 30% of operating expenses.

DATE FOUNDED: 1972

TRAINING PROGRAM: Demography

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Demography	Diplôme d'Etudes Démographiques (DED)	Licence or Maîtrise in sociology, geography, economics, or mathematics and entrance examination	2 years

COURSE DESCRIPTION: The major components of the program are data collection, demographic analysis, demography, population, and development.

LANGUAGE: French

ACADEMIC YEAR: Begins mid-September

ADMISSION PROCEDURES: Applications should be sent to IFORD before March 31. Entrance examinations are organized in April at the Direction de la Statistique, Ministère du Plan, or Ministère des Finances in each member country. Examinations are corrected and final selection is made at IFORD.

FINANCIAL REQUIREMENTS: Students receive UNFPA scholarships of 90,000 F CFA/month for 21 months, and they are reimbursed for travel expenses and 80% of medical expenses.

Total Cost Per Student: U.S. \$6,000/year

INSTITUTIONAL PROFILE: LOCATION: Yaoundé, urban area

Student Enrollment by Level of Study, 1984-1985

LEVEL OF STUDY	TOTAL	
	Male	Female
First Year	18	2
Second Year	22	1
Total	40	3

GRADUATES BY FIELD OF STUDY, 1984: There was a total of 20 graduates, all male, in 1984.

Graduates by Country of Origin

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	2	-	1	1
Burkina Faso	1	2	1	-
Burundi	-	-	-	1
Cameroon	3	4	6	3
CAR	-	-	-	2
Chad	1	-	-	2
Congo	1	1	3	3
Guinea	1	1	1	-
Ivory Coast	6	3	-	1
Madagascar	-	1	-	-
Mali	2	1	-	1
Rwanda	1	-	-	1
Senegal	1	1	5	1
Togo	-	1	-	-
Zaire	-	-	-	1
Total	19	15	17	17

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
First Year	10 hrs.	10 hrs.
Second Year	12 hrs.	6 hrs.

INTERNSHIP: Students prepare and conduct a census of towns with between 10,000 and 30,000 inhabitants. This project entails spending at least 1 month in the field for data collection.

COMPUTER TRAINING: Students are trained to use BASIC to perform standard statistical operations on minicomputers.

FACULTY QUALIFICATIONS: Professor: Degree from a higher education institution and at least 6 years of experience; Assistant: degree from IFORD or experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	TOTAL
Doctorat 3ème Cycle	4
DEA/Ingénieur	1
Total	5

PART-TIME FACULTY: Part-time faculty assume 10% of the course load.

Facilities and Services

Classrooms	3 classrooms of 40, 30, and 15 places
Library	10,000 volumes and periodicals
Housing	Arranged by IFORD in town
Transportation	Available between the school and downtown Yaoundé
Bookstore	Books may be purchased at IFORD

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director, IFORD.

NAME OF INSTITUTION: **INSTITUT DE STATISTIQUE, DE PLANIFICATION ET D'ECONOMIE APPLIQUEE (ISPEA)**

MAILING ADDRESS: B.P. 294
Yaoundé, Cameroon

TELEPHONE: 22-01-34

CABLE: CIFS-Yaoundé

SUPERVISORY AUTHORITY: Ministère du Plan et de l'Aménagement du Territoire, Government of the Republic of Cameroon

FUNDING SOURCE: Government of the Republic of Cameroon; United Nations Development Program (UNDP); Fonds d'Aide et de Coopération (FAC); Fonds Européen de Développement (FED)

DATE FOUNDED: 1961

TRAINING PROGRAM: Statistics, Planning, and Applied Economics

FIELD OF STUDY	DIPLOMA/DEGREE	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Statistics, Planning, and Applied Economics	Agents Techniques	BEPC and entrance examination or professional experience and examination	1 year
	Adjoints Techniques	Diplôme d'Agents Techniques or Probatoire (Baccalauréat incomplet); entrance examination in both cases*	2 years
	Ingénieur d'Application de la Statistique	Diplôme d'Adjoints Techniques (ISPEA) or Baccalauréat Series C and less than 23 years of age; entrance examination in both cases*	4 years

*Individuals with 2 years of post-secondary studies may enter the second year of the program directly.

LANGUAGE: French

ACADEMIC YEAR: Begins early October

ADMISSION PROCEDURES: Applications for the entrance examinations should be submitted between February and the end of April to the Direction de la Statistique. Ministère du Plan or Ministère des Finances in the applicant's country. Examinations are conducted in May at the same office. Final selection is made by ISPEA and is based on examination results.

FINANCIAL REQUIREMENTS: Tuition: Agents Techniques--20,000 F CFA/month; Adjoints Techniques--25,000 F CFA/month; Ingénieur d'Application--30,000 F CFA/month
 Lodging in Dormitory (on-campus): 5,000 F CFA/month
 Books and Materials: 50,000 F CFA/year
 Estimated Cost of Living in Yaoundé (includes housing and food): 75,000 F CFA/ month

INSTITUTIONAL PROFILE: LOCATION: Yaoundé, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agents Techniques	9	-	8	-	17	-
Adjoints Techniques	26	2	21	1	47	3
Ingénieurs d'Application	40	1	15	1	55	2
Total	75	3	44	2	119	5

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agents Techniques	7	-	5	1	12	1
Adjoints Techniques	9	1	8	3	17	4
Ingénieurs d'Application	12	1	3	-	15	1
Total	28	2	16	4	44	6

Foreign Student Enrollment

COUNTRY OF ORIGIN	1982-1983	1981-1982
Benin	2	6
Burkina Faso	6	7
Burundi	1	-
CAR	6	2
Chad	3	1
Comores	-	1
Congo	7	10
Djibouti	2	-
Gabon	2	4
Guinea	2	2
Mali	1	6
Niger	-	1
Rwanda	1	3
Senegal	5	6
Togo	5	1
Zaire	1	-
Total	44	50

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Agent Technique	25 hrs.	7 hrs.
Adjoint Technique	27 hrs.	9 hrs.
Ingénieur d'Application	30 hrs.	9 hrs.

INTERNSHIP: Students conduct statistical surveys in the field under the supervision of an instructor; Agents Techniques work for 1 month, Adjoints Techniques for 2 months, and Ingénieurs d'Application for 3 months.

COMPUTER TRAINING: Computers are used to enter and manipulate statistical data.

FACULTY QUALIFICATIONS: Conditions to hold a teaching position are a Diplôme d'Ingénieur de la Statistique or equivalent and 3 years of experience. The majority of instructors are civil servants in the Ministère du Plan.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle/Ingénieur de Conception	7	2	3	-	10	2

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur	10	-	-	-	10	-
Maîtrise	22	4	-	-	22	4
Total	32	4	-	-	32	4

Facilities and Services

Classrooms	6 classrooms of 25 places each
Laboratories	Computer lab equipped with a Mini 6 Honeywell/Bull and 4 terminals
Library	3,000 volumes
Housing	Limited housing available on-campus; foreign students given priority for housing
Transportation	Free transportation between the school and downtown Yaoundé
Health Care	Small unit on-campus

- COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:
1. Centre Européen de Formation Statistique (CEFS), Paris
 2. Institut Africain et Mauricien de Statistique et d'Economie Appliquée (IAMSEA), Kigali, Rwanda
 3. Ecole Nationale des Sciences Statistiques et d'Economie Appliquée (ENSSEA), Abidjan, Ivory Coast
 4. Institut National de la Statistique et des Etudes Economiques (INSEE), Paris

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director ISPEA. Specific information on application procedures and requirements may be obtained from the Direction de la Statistique, Ministère du Plan in each country.

GENERAL INFORMATION: ISPEA is a Cameroonian institution with a regional role for the countries of the Union pour le Développement Economique de l'Afrique Centrale (UDEAC): Cameroon, Congo, Gabon, and the Central African Republic. ISPEA is expected to become a regional institution under the direction of the General Secretariat of UDEAC in 1985.

NAME OF INSTITUTION: **CENTRE IVOIRIEN DE RECHERCHE ECONOMIQUE
ET SOCIALE (CIRES)**

Université d'Abidjan

MAILING ADDRESS: B.P. 1295
Abidjan, Ivory Coast

TELEPHONE: 44-09-53
44-21-93

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast; Fonds d'Aide et de Coopération (FAC), France; Ford Foundation, U.S.A.; European Economic Community (EEC); U.S. Agency for International Development (USAID)

DATE FOUNDED: 1977

TRAINING PROGRAM: Agricultural Economics

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Agricultural Economics	Doctorat 3ème Cycle	Ingénieur Agronome or Maîtrise in Economics	3 Years

COURSE DESCRIPTION: The program is administered by CIRES and the degree awarded by the Faculté des Sciences Economiques (FSE) of the University. The program, which prepares students for careers in research and agricultural policy, is divided into four terms of course work and five terms of field work/dissertation. The academic year is divided into three terms of 3 months each. Upon completion of course work, students are required to pass examinations in economic analysis, agricultural economics, and their dissertation area. Students then receive a Diplôme d'Etudes Approfondies and may continue their work toward the Doctorat 3ème Cycle. This degree is awarded upon successful defense of the dissertation.

LANGUAGE: French

ACADEMIC YEAR: September - June

ADMISSION PROCEDURES: Candidates should submit their academic transcripts and letters of recommendation to CIRES by March. An initial selection will be made by the admissions committee based on the transcripts. Final selection will occur following interviews with the candidates.

FINANCIAL REQUIREMENTS: Tuition (includes field research): 1,000,000 F CFA
Food and Lodging (on-campus): 400,000 F CFA/year
Books and Materials: 75,000 F CFA/year
Health Insurance: 90,000 F CFA/year

INSTITUTIONAL PROFILE: Location: Abidjan, urban area

COMPUTER TRAINING: Students are trained on two microcomputers.

Full-Time faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	-	-	3	-	3	-
Doctorat 3ème Cycle	7	1	-	-	7	1
Maîtrise	10	-	-	-	10	1
Total	17	10	3	-	20	1

Part-Time faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ph.D.	10	-	-	-	10	-

Facilities and Services*

Classrooms	4 classrooms of 25-30 places each
Library	5,000 volumes and 100 periodical subscriptions
Housing	Students reside in 15 cités located on a new campus
Transportation	99 buses transport students between cité and the University campus
Food Service	5 student restaurants on-campus

*The Centre National des Oeuvres Universitaires (CNOU) of the Ministère de l'Education Nationale et de la Recherche Scientifique is responsible for lodging, food service, transportation, payment of scholarships, and management of social activities.

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Agricultural Development Council, U.S.A.
 2. Harvard Institute for International Development, U.S.A.
 3. University of Laval, Quebec, Canada
 4. Michigan State University, U.S.A.
 5. University of Illinois, Urbana, U.S.A.
 6. CRED, University of Michigan, U.S.A.
 7. Institut National de la Recherche Agronomique, Montpellier, France
 8. Economic Council of West African States (ECOWAS)
 9. U.S. Department of Agriculture (USDA)

ADDITIONAL INFORMATION: Contact the Assistant Director of Training, CIRES for additional information.

GENERAL INFORMATION: Until now CIRES has been a research institute working with the Institut Supérieur d'Agriculture as co-director of thesis preparation for students pursuing the Ingénieur Agronome degree. The training program described above is scheduled to begin in 1985.

NAME OF INSTITUTION: **FACULTE DES SCIENCES ECONOMIQUES**

Université d'Abidjan

MAILING ADDRESS: 01 BP V34
Abidjan 01, Ivory Coast

TELEPHONE: 44-08-95

CABLE: RECTUNIV ABIDJAN
3469

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast

FUNDING SOURCE: Government of the Republic of the Ivory Coast; Government of France subsidies

DATE FOUNDED: 1969

TRAINING PROGRAM: Economics

I. Level of Maîtrise d'Economie Appliquée (MEA) (First and Second Cycles)			
FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Business Economics	Maîtrise d'Economie d'Entreprise (MEE)	Baccalauréat Series C, D, or C2	4 years
Public Economics	Maîtrise d'Economie Publique (MEP)		
II. Level of Diplôme d'Etudes Approfondies (DEA) (Third Cycle)			
Private Sector Policy			
Money and Finance	Diplôme d'Etudes Approfondies (DEA)	Maîtrise d'Economie d'Entreprise or Maîtrise d'Economie Publique	1 year
International Development and Commerce			

COURSE DESCRIPTION: The Faculté des Sciences offers the following degrees:

First Cycle--Diplôme d'Etudes Universitaires Générales (DEUG) after 2 years in a core studies program.

Second Cycle--(a) Diplôme de Licence d'Economie Appliquée after 3 years of study. The distinction between the business economics option and the public economics option begins at this level; (b) Diplôme de Maîtrise en Economie Appliquée (MEA) after 4 years of study, either an MEE or MEP, depending on the specialty.

Third cycle--Diplôme d'Etudes Approfondies (DEA) after 5 years of study. The DEA programs are for students pursuing careers in teaching or research. DEA graduates may prepare the thesis for Doctorat de 3ème Cycle.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Commission Nationale d'Orientation des Bacheliers, Ministère de l'Education Nationale et de la Recherche Scientifique, Ivory Coast, before June. Final selection is made by the Commission. There is a 10% quota for foreign students.

FINANCIAL REQUIREMENTS: Registration Fee: 50,000 F CFA
Food Service (on-campus): 75 F CFA/meal
Government Scholarship: 35,000 F CFA/student/year

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
DEUG	606	85	94	17	700	102
Licence	383	74	114	20	497	94
Maitrise	165	29	79	14	244	43
DEA	109	9	19	3	128	12
Doctoral 3ème Cycle	5	1	7	-	12	1
Total	1,268	198	313	54	1,581	252

Graduates by Level of Study, 1984

LEVEL OF STUDY	TOTAL
DEUG	527
Licence	164
Maîtrise	80
DEA	9
Doctorat 3ème Cycle	-
Total	780

Foreign Student Enrollment

COUNTRY OF ORIGIN	1982-1983	1981-1982	1980-1981
Benin	126	137	151
Burkina Faso	33	45	73
Niger	40	52	61
Other Africans	152	178	169
France	13	18	25
Others	3	6	6
Total	367	436	485

COMPUTER TRAINING: Available but unspecified.

Full-Time Faculty by Position

POSITION	NATIONAL	FOREIGN	TOTAL
Professeur	-	2	2
Maître de Conférence	3	1	4
Maître Assistant	5	5	10
Assistant	31*	32**	63
Lecteurs	7	2	9
Total	46	42	88

* Includes 8 Docteurs d'Etat or Ph. D. and 20 Docteurs de 3ème Cycle
 ** Includes 2 Docteurs d'Etat and 2 Docteurs de 3ème Cycle

Part-Time Faculty: There are 21 part-time faculty members.

Facilities and Services

Library	Faculty library with 9,823 volumes and 62 periodicals
Transportation	These services are available through the Centre National des Oeuvres Universitaires (CNOU), Ministère de l'Education Nationale et de la Recherche Scientifique. CNOU has 15 dormitories, five student restaurants, 99 buses to transport students between the dormitories and campus, and a social service office with five physicians.
Housing	
Food Service	
Health Care	
Foreign Student Counselor	
Bookstore	

OTHER SERVICES: Sports and leisure clubs and activities. Students' families have access to some of the CNOU facilities.

- COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:
1. Association des Universités Partiellement ou Entièrement de Langue Française (AUPEFL)
 2. Coopération Française, France
 3. Coopération Belge, Belgium

ADDITIONAL INFORMATION: Catalogs are available from the Director, Centre Universitaire d'Information et de Programmation (CUIP), Université d'Abidjan.

NAME OF INSTITUTION: CENTRE AFRICAIN ET MAURICIEN DE
PERFECTIONNEMENT DES CADRES (CAMPC)

MAILING ADDRESS: B.P. 878
Abidjan 08, Ivory Coast

TELEPHONE: 44-49-46
44-43-22

CABLE: 26170 CAMPC C.1

SUPERVISORY AUTHORITY: CAMPC is an inter-African institution created by the Organisation Commune Africaine et Mauricienne (OCAM) and managed by a Board of Directors composed of representatives of the governments and professional groups of member states. CAMPC is certified by the Ministère de l'Education Nationale et de la Recherche Scientifique, Government of the Republic of the Ivory Coast.

FUNDING SOURCE: OCAM member states; private firms from member states pay partial tuition for their employees (those from non-member states pay the entire cost); Canadian International Development Agency (CIDA); World Health Organization (WHO), Fonds d'Aide et de Coopération (FAC); Fonds Européen de Développement (FED); Agence de Coopération Culturelle et Technique (ACCT), France; United Nations Industrial Development Organization (UNIDO).

DATE FOUNDED: 1970

TRAINING PROGRAM: Short-Term Training in Management

COURSES	LENGTH	NO. OF SESSIONS	
		PER YEAR	DATES
Business Management	16 months	Preparatory Training: 1	March- June
		Training Session at CAMPC: 1	October- April
Special Training Seminars Short and Medium-Term	1-8 weeks	on demand	vary
Colloquia and Round Tables		varies	vary

COURSE DESCRIPTION: The 16-month program consists of 4 months of preparatory training by correspondence, attendance at CAMPC for 6 months, and 6 months of practical training in the trainee's firm. During the latter phase, students are required to prepare a paper on a subject relevant to the employer's needs; the subject is determined jointly by the employer, the trainee, and CAMPC.

Medium-term seminars include refresher courses of 4-8 weeks for employees of the member banks of Union Africaine et Mauricienne des Banques de Développement and seminars on analyzing management tasks (e.g., training, personnel, auditing, etc.)

Short-term seminars are offered at CAMPC or at the request of African organizations or businesses. Thirty seminars have been designed, including human resource management, commerce, production and supply, data processing, accounting, auditing, and financial management. More than 60 seminars were given between 1981 and 1983 in the following African countries: Benin, Burkina Faso, CAR, Gabon, Ivory Coast, Mauritania, Niger, Senegal, and Togo.

LANGUAGE: French

ADMISSION PROCEDURES: Applications to the business management course must be sent by the candidate's employer to the Director of CAMPC. Applications should describe educational history, professional training received, professional responsibilities experienced, and the objective of the training. Conditions of admission include a position of responsibility in the company, a contract of employment for the duration of the training and higher education and several

years of experience or at least 10 years of experience in a position of responsibility. There are no conditions of admission for the medium- and short-term courses.

FINANCIAL REQUIREMENTS: LONG-TERM PROGRAM
 Tuition: 800,000 F CFA/phase (member states); 2,000,000 F CFA/phase (non-member states)
 Lodging in Dormitory and Food Service (on-campus): 10,000 F CFA/day

SPECIALIZED TRAINING (4-week seminar)
 Tuition: 460,000 F CFA/person
 Lodging and Food Service: 300,000 F CFA/person

SPECIALIZED TRAINING (6-week seminar)
 Tuition: 560,000 F CFA/person
 Lodging and Food Service: 450,000 F CFA/person

SPECIALIZED TRAINING (at client's facilities)
 Total cost of 4-week seminar: 13,800,000 F CFA
 Total cost of 6-week seminar: 16,900,000 F CFA

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment by Course, 1984

COURSE	TOTAL	
	Male	Female
Long-Term Program	26	5
Medium-Term Seminars	59	1
Short-Term Seminars	180	20
Total	265	26

Graduates by Course, 1984

COURSE	TOTAL	
	Male	Female
Long-Term Program	25	4

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	AFRICAN		OTHER		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3 ^{eme} Cycle	-	-	3	-	3	-
Hautes Etudes Commerciales	4	-	-	-	4	-
Total	4	-	3	-	7	-

PART-TIME FACULTY BY DIPLOMA/DEGREE: CAMPC has 60 part-time instructors from the Ivoirien business community, the Institut National Supérieur de l'Enseignement Technique (INSET), and the Université d'Abidjan.

Facilities and Services

Classrooms	2 classrooms of 25 places each and an amphitheater of 45 places
Library	The documentation center contains books and periodicals on management, economics, and African affairs.
Housing	Small hotel with 30 single rooms with showers, a restaurant, and lounge
Food Service	Restaurant located in hotel
Health Care	Small infirmary for emergencies
Foreign Student Advisor	Available at CAMPC

OTHER SERVICES: Volleyball and other sports are available through the University.

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Economic Development Institute (EDI), World Bank, U.S.A.
 2. International Labor Organization (ILO), Geneva
 3. United Nations Development Program (UNDP)
 4. United Nations Sahel Organization (UNSO)
 5. Economic Commission for Africa (ECA), Addis-Ababa, Ethiopia
 6. Union Africaine et Mauricienne des Banques de Développement (UAMBD)

ADDITIONAL INFORMATION: Course catalogs and schedules are available from the Director of CAMPC.

NAME OF INSTITUTION: CENTRE IVOIRIEN DE GESTION DES
ENTREPRISES (CIGE)

MAILING ADDRESS: 07 B.P. 322
rue Pierre et Marie Curie, Zone 4C
Abidjan 07, Ivory Coast

TELEPHONE: 35-21-99
35-34-84
35-37-61

TELEX: 42359 CIGE CI

SUPERVISORY AUTHORITY: CIGE is a non-profit organization sponsored in part by the Ministère de l'Education Nationale et de la Recherche Scientifique and the Union Patronale de Côte d'Ivoire (UPACI). CIGE's Board of Directors is comprised of representatives of various ministries and government offices and private sector organizations and businesses.

FUNDING SOURCE: Clients (private businesses, international organizations, and the public sector); Ministère de l'Education Nationale et de la Recherche Scientifique and UPACI.

DATE FOUNDED: 1971

TRAINING PROGRAM: Short-term professional development courses in management functions for upper level management (long-term) and management skills for mid-level managers (short-term).

COURSES	NO. OF SESSIONS	
	PER YEAR	DATES
Management Functions Courses (Upper-Level)		
General Management	1	Mar.-Dec. 85
Management Systems Control	1	Nov. 84-Nov. 85
Human Resource Management	1	Nov. 84-May 85
Production Management	These courses will be available in 1985	
Marketing	on demand.	
Training Directors	1	Feb.-June 85
Organizational Behavior	1	
Management Skills (Mid-Level) (48 short-term courses)	1	
Sectorial Training	upon request	

COURSE DESCRIPTION: The management functions program is designed for a small number of business professionals who have demonstrated great potential in management. The course is organized in intensive segments during the slack periods of the work year.

The training is organized in the following modules: computer science, production, commercial management, budget management, human resource management, personnel development, inventory and accounting, and financial control.

Special sectorial training courses are arranged in response to specific needs of a client.

LANGUAGE: French

ADMISSION PROCEDURES: Applications should be sent to Direction Générale, CIGE. Applications are accepted throughout the year but must be received by CIGE at least 2 months before the beginning of the course. Admission requirements include at least 3 years of private sector experience, a post-secondary degree and an aptitude test. Final selection of candidates is made by a committee comprised of consultant/trainers from CIGE.

FINANCIAL Tuition:
 REQUIREMENTS: LONG-TERM PROGRAM
 General Management--1,350,000 F CFA; Management Control--
 1,800,000 F CFA; Human Resources Management--1,000,000 F
 CFA; Training Directors--810,000 F CFA; Organizational
 Behavior--800,000 F CFA

 SHORT-TERM PROGRAM: 100,000-380,000 F CFA
 Books and Materials: 10,000-15,000 F CFA/course
 Estimated Cost of Living in Abidjan (includes housing,
 food, and transportation): 18,000 F CFA/day

INSTITUTIONAL PROFILE: LOCATION: Abidjan, urban area

Student Enrollment By Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management Func- tions(Upper Level)	70	7	-	-	70	7
Management Skills (Mid-Level)	400	100	-	-	400	100
Total	470	107	-	-	470	107

FOREIGN STUDENT ENROLLMENT: CIGE has trained participants from Burkina Faso.

COMPUTER TRAINING: Offered in introductory data processing and microcomputer courses

REPAIR AND MAINTENANCE OF EQUIPMENT: Routine maintenance of equipment is covered in some courses.

FACULTY QUALIFICATIONS: CIGE consultant/trainers are experienced managers, economists, engineers, sociologists, accountants, personnel managers, marketing specialists, etc.

Full-Time Faculty By Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3 ^{ème} Cycle	1	-	-	-	1	-
Maîtrise	15	2	-	-	15	2
DUES, DUT (2 years of university study)	1	-	-	-	1	-
Experience	1	-	-	-	1	-
Total	18	2	-	-	18	2

Facilities and Services

Classrooms*	8 classrooms of 15 places each and 2 conference rooms of 300 places each
Laboratories	Audiovisual lab with tape recorders, film and overhead projectors, and equipment for English language training
Library	2,255 volumes

*Courses may be conducted at clients' facilities.

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Institut National Supérieur de l'Enseignement Technique (INSET), Ivory Coast
 2. Compagnie Ivoirienne d'Etudes et de Réalisation en Informatique et Automatisation (CIERIA), Ivory Coast
 3. Institut Français de Gestion (IFG), Paris
 4. United Nations Industrial Development Organization (UNIDO)
 5. International Labor Organization (ILO)

ADDITIONAL INFORMATION: Comprehensive annual catalogs are available from the Office of the Director and/or the Director of Studies, CIGE.

GENERAL INFORMATION: In addition to the training courses, CIGE offers the following services: organizational consulting--working within an organization, and management analyses, training needs assessments, and design of training programs, training-of-trainers, and management recruitment and orientation; economic analysis studies; and general and sectorial studies.

NAME OF INSTITUTION: **INSTITUT DE PRODUCTIVITE ET DE GESTION
PREVISIONNELLE (IPGP)**

MAILING ADDRESS: rue Mohamed V.
B.P. 1300
Bamako, Mali

TELEPHONE: 22-55-11
22-21-07

SUPERVISORY AUTHORITY: Ministère de Tutelle des Sociétés et Entreprises d'Etat,
Government of the Republic of Mali

FUNDING SOURCE: Government of the Republic of Mali

DATE FOUNDED: 1971

TRAINING PROGRAM: Short-Term Management Training

COURSES	LENGTH	NO. OF SESSIONS PER YEAR	DATES
Management Training Program	7 months	2	January or June
Professional Development Courses	1 week	varies	vary
Evening Program	8 weeks	varies	vary

COURSE DESCRIPTION: The management training program has three parts: introduction to management (10 weeks); an internship in the client organization (8 weeks); and specialized course work (10 weeks).

The introduction to management course is designed to give students a knowledge of the principles and methods of management. The course is immediately followed by the internship, when the students analyze the operations of their organization and prepare a final report on their findings. The course and internship are prerequisites for enrollment in one of the specialized programs-- financial management, commercial management, management of industrial or rural development projects, and quantitative techniques and data processing.

IPGP also organizes professional development courses (1 week) for directors of ministry offices and rural development projects and for government auditors.

IPGP has an evening program for owners/managers of small and medium-sized businesses.

LANGUAGE: French (local languages for evening program)

ADMISSION PROCEDURES: Candidates must be presented to IPGP by their employer or sponsor. Application deadlines are December for the January program and May for the June program. Admission is determined by the Director of IPGP, based on the candidate's record in the client organization, an aptitude test, and an interview. Tuition and registration fees are paid by the employer or sponsor.

Applicants must have a Licence and professional management experience.

FINANCIAL REQUIREMENTS: Tuition: 115,700 F CFA (7-month program)
 Lodging in Town: 30,000 F CFA/month
 Food in Town: 5,000 F CFA/day
 Books and Materials: 66,000 F CFA (7-month program)

INSTITUTIONAL PROFILE: LOCATION: Bamako, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management Course (7 months)	16	4	-	-	16	4

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Management Course (7 months)	16	3	-	-	16	3

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d Etat	1	-	-	-	-	1
Doctorat 3ème Cycle	-	-	2	-	2	-
Maîtrise	5	-	1	-	6	-
Total	6	-	3	-	9	-

Facilities and Services

Classrooms	3 classrooms with a total of 60 places
Library	1,600 volumes and periodicals and a documentation center with management case studies

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS:

1. The World Bank
2. International Labor Organization (ILO)

ADDITIONAL
INFORMATION: A brochure is available from the Directeur Général Adjoint, IPGP.

NAME OF INSTITUTION: **ECOLE SUPERIEURE DE GESTION DES ENTREPRISES (ESGE)**

MAILING ADDRESS: Bvd. Général de Gaulle & Av. Malick
B.P. 3802
Dakar, Senegal

TELEPHONE: 21-92-23

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of the Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal; World Bank; Fonds Européen de Développement (FED); Canadian International Development Agency (CIDA)

DATE FOUNDED: 1978

TRAINING PROGRAM: Management

FIELD OF STUDY	DIPLOME	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Business Management	Diplôme Supérieur de Gestion des Entreprises (DSGE)	Maitrise or Ingénieur d'Application, 2 years of experience, entrance examination, and personal interview	2 years
Business Management (Evening Sessions)	Certificat de Gestion des Entreprises (CGE)	Baccalauréat and 10 years of experience or a DUT/DEUG and 2 years of experience	400 hours
Business Management (Workshops)		Employee of the client organization	20-30 hours

COURSE DESCRIPTION: ESGE encourages the development of small and medium-sized businesses in Senegal and West Africa by training business management personnel.

The ESGE program is a formal 2-year program composed of three periods of classroom work alternating with three periods of internship. Each period lasts 4 months. The first five periods constitute a core studies program and include the following topics: organizational behavior, decision-making, and using management tools. The sixth period combines specialized workshops with an internship focusing on the individual participant's interests.

Participants are recruited from existing companies. ESGE evaluates students' performance on an ongoing basis rather than through the final examination process.

The ESGE approach to training uses active learning methods: case study analysis, intensive use of computers, contact with economic institutions, and involvement in research projects. The training is designed in consultation with local private enterprise.

The continuing education division of ESGE was designed for top executives of African businesses. There are three programs in the division:

(1) The CGE program offers evening sessions which include 260 hours of core studies and 100 hours of specialization in human resource management, financial management, and marketing management.

(2) Pre-packaged workshops cover a wide variety of management topics. More than 30 of these workshops were held in 1983. Workshops can be arranged in the evening.

(3) Customized workshops are organized at the request of businesses. The client assists ESGE in determining course content and deciding whether the workshop should be an action research program to diagnose the client's problems and provide practical recommendations.

LANGUAGE: French

ACADEMIC YEAR: DSGE: Begins in October. Other programs vary.

ADMISSION PROCEDURES: Applications for the DSGE should be sent to the Director of ESGE before March. The entrance examination is organized in May and personal interviews take place in June. Final selection is made by a committee chaired by a professor not attached to the institution. For information on admission to other programs, write to the Director of ESGE.

FINANCIAL REQUIREMENTS: Tuition: 20,000 F CFA/year (DSGE)
Books and Materials: 100,000 F CFA/year (DSGE)
Estimated Cost of Living in Dakar (includes housing and food): 250,000 F CFA/month

Pre-packaged Workshop: 30-hour course--44,000 F CFA;
 40-hour course--57,000 F CFA
 Customized Workshop: 24,000 F CFA/hour (10-16 participants)

INSTITUTIONAL

PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
DSGE	56	4	4	-	60	4
CGE	50	-	-	-	50	-
Total	106	4	4	-	110	4

Graduates by Level of Study, 1984: There were 29 graduates from the DSGE program.

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Guinea (DSGE)	2
Mali (DSGE)	1
Mauritania (DSGE)	1
Mali (Workshop)	20
Total	24

CLASSROOM/PRACTICUM: The course load for the DSGE is divided equally between classroom and practicum.

INTERNSHIP: DSGE students have 9 months of internship in local companies during the 2-year program.

COMPUTER TRAINING: Available but unspecified.

FACULTY QUALIFICATIONS: An MBA or DSQE and previous experience in management are required to teach at ESQE. All full-time faculty are involved in the management of the school. All part-time faculty are managers in local business/industry.

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	FULL-TIME	PART-TIME	TOTAL
Doctorat	1	1	2
Ingénieur/DEA/DES/ HEC/MBA	5	19	24
Maîtrise	-	7	7
Licence	-	4	4
Total	6	31	37

Facilities and Services

Classrooms	8 classrooms of 30 places each and 6 rooms for practicum
Laboratories	Computer center with IBM 34, 6 terminals, and 6 minicomputers
Library	1,600 volumes and 57 management periodicals

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Hautes Etudes Commerciales (HEC), Montreal

ADDITIONAL
INFORMATION: Contact the Director of ESQE for additional information.

GENERAL INFORMATION: ESQE has new training facilities but does not provide participants' housing and subsistence.

NAME OF INSTITUTION: CENTRE NATIONAL DE COORDINATION DE LA
FORMATION AU DEVELOPPEMENT (CENACOF)

MAILING ADDRESS: B.P. 719
Kinshasa/Gombe, Zaire

TELEPHONE: 32-361

SUPERVISORY
AUTHORITY: Commissariat au Plan, Government of the Republic of Zaire

FUNDING SOURCE: U.S. Agency for International Development; Government of
the Republic of Zaire

DATE FOUNDED: 1981

TRAINING PROGRAM: Training of Development Personnel

COURSES	LENGTH	NO. OF SESSIONS	
		PER YEAR	DATES
Training-of-Trainers	3 months	2	vary
Staff Development	1 month	10	vary

COURSE DESCRIPTION: CENACOF offers 2 tracks of training.

Training-of-Trainers is conducted for personnel from various ministries. Graduates are expected to develop their own training programs upon returning to their work sites using the various types of support available from CENACOF. The course includes 3 modules: Module I deals with communication skills, training needs analysis, and conceptualization of a training program; Module II covers development project management, development of a training program, and training methodology; Module III covers delivery and evaluation of training programs.

Staff Development is aimed at the specific training needs of project or ministry personnel. CENACOF organizes these courses for organizations, ministries, or agencies working in agriculture and rural development, health, transportation, and women and development. Participants are civil servants from central, regional, and local public services. They receive a certificate of participation upon completion of course work.

CENACOF also offers consulting services in organizational development to the same clientele. It organizes short workshops (2-3 days) in which the management problems/issues of the client organization are investigated.

LANGUAGE: French.

ADMISSION PROCEDURES: Applications should be sent to CENACOF 3-6 months prior to the desired starting date. An annual schedule of activities may be obtained from CENACOF. Training sessions may be organized on demand if the number of participants is sufficient.

FINANCIAL REQUIREMENTS: Tuition, lodging in dormitory, books and materials, and food service: U.S. \$1,000/month

INSTITUTIONAL PROFILE: LOCATION: Kinshasa/Gombe, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Training-of-Trainers	33	5	-	-	33	5
Staff Development	149	6	16	2	165	8
Total	182	11	16	2	198	13

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983
Burundi	-	5
Congo	-	4
Rwanda	-	6
Total	-	15

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER SESSION	
	Classroom	Practicum
Training-of-Trainers	320 hrs.	40 hrs.
Staff Development	120 hrs.	40 hrs.

INTERNSHIP: Participants in the training-of-trainers course spend time during the 3-month session collecting data and information within their own organizations. Participants in the staff development course spend 1 week on a field trip.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat/Ph.D.	3	-	-	-	3	-
Licence	7	1	-	-	7	1
Total	10	1	-	-	10	1

Facilities and Services

Classrooms	1 classroom of 88 places (6 classrooms are under construction)
Library	Under construction
Housing	Arranged by CENACOF
Transportation	

-
- COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:
1. Institut Pan Africain de Développement (IPD), Douala, Cameroon
 2. Centre de Perfectionnement Administratif (CPA), Kinshasa

ADDITIONAL INFORMATION: Brochures are available from the Director of CENACOF.

GENERAL INFORMATION: At the time of the study, CENACOF was constructing a new facility in Kinshasa with funding from USAID. The center will have 6 classrooms, a library, administrative offices, student housing, and restaurant facilities.

NAME OF INSTITUTION: CENTRE DE PERFECTIONNEMENT AUX
TECHNIQUES DE DEVELOPPEMENT (CEPETEDE)

MAILING ADDRESS: B.P. 989
Kinshasa, Zaire

TELEPHONE: 23-854
24-175

SUPERVISORY
AUTHORITY: CEPETEDE is a non-profit organization.

FUNDING SOURCE: Fonds d'Aide et de Coopération (FAC), France; The World
Bank; CEPETEDE clients

DATE FOUNDED: 1981

TRAINING PROGRAM: Short-Term Training in Management and Finance

COURSES	LENGTH	NO. OF SESSIONS PER YEAR	DATES
Business Finance (Core Program)	16 weeks	2	February and October
Business Management	12 weeks	1	March
Management of Banks and Other Financial Institutions	12 weeks	1	October
Project Analysis and Evaluation	12 weeks	1	March

COURSE DESCRIPTION: The objective of the program is to teach management and financial skills for changing organizational environments through methods appropriate to Zaire.

Before specializing in one of the three fields, all students must complete a core studies program in business finance. CEPETEDE employs case study analysis and group study approach. Before obtaining the CEPETEDE certificate, participants must write a final paper.

LANGUAGE: French

ADMISSION PROCEDURES: Applications should be sent to the Director of CEPETEDE before January 15 or September 15 for admission to the core studies program. Applicants must have a Licence and hold a management position in the parapublic or private sector for at least 2 years. Final selection is made by a CEPETEDE panel.

FINANCIAL REQUIREMENTS: Tuition: 52,000 Z (core studies program)
39,000 Z (specialized programs)
Books and Materials: provided by CEPETEDE

INSTITUTIONAL PROFILE: LOCATION: Kinshasa, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL	
	Male	Female
Core Program	20	-
Project Analysis	12	-
Total	32	-

Graduates by Field of Study, 1983 and 1984

FIELD OF STUDY	NATIONAL	
	Male	Female
Business Management (1983)	18	-
Project Analysis (1984)	12	-

INTERNSHIP: There is no internship at CEPETEDE. All participants follow a full-time schedule of 5 days a week in class.

COMPUTER TRAINING: Available but unspecified

FULL-TIME FACULTY: There are four foreign and one national full-time faculty members.

PART-TIME FACULTY: There are 20 part-time faculty members, 17 nationals and three expatriates. All are business professionals.

Facilities and Services

Classrooms	2 classrooms of 25 places each and 1 classroom of 15 places
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Library	100 volumes (in the process of expansion)
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ADDITIONAL INFORMATION: Brochures describing the program are available from the Directeur des Etudes, CEPETEDE.

NAME OF INSTITUTION: CENTRE DE PERFECTIONNEMENT EN
ADMINISTRATION (CPA)

MAILING ADDRESS: B.P. 16.596
327-70
Kinshasa/Gombe, Zaire

TELEPHONE: 327-70

SUPERVISORY AUTHORITY: Commissariat à l'Enseignement Supérieur et à la Recherche Scientifique, Government of the Republic of Zaire

FUNDING SOURCE: Government of the Republic of Zaire; Administration Générale de la Coopération au Développement (AGCD), Belgium

DATE FOUNDED: 1969

TRAINING PROGRAM: Non-Formal Training in Administration

COURSES	LENGTH	NO. OF SESSIONS	
		PER YEAR	DATES
Hospital Management	2 years	1	January
Rural Development Extension Agents	2 months	vary	vary
Business Management	1 year	1	vary
Bank Management	15 days	1	vary
Bank Technicians	2-4 months	1	vary

COURSE DESCRIPTION: CPA trains personnel from the public and private sectors. Training programs are developed on demand to meet the specific needs of the employer organization. Examples of recent training programs are shown above.

LANGUAGE: French

ADMISSION PROCEDURES: Applications should be sent to CPA before December for the hospital management program. Conditions of admission are 4-6 years of secondary education and employment in a position relevant to the training. Courses will be organized on request if the number of participants is sufficient. Admission occurs upon receipt of tuition.

FINANCIAL REQUIREMENTS: Tuition (includes books and materials) : 5,000 Z/month
 Estimated Cost of Living in Kinshasa (includes housing and food): 15,000 Z/month

INSTITUTIONAL PROFILE: LOCATION: Kinshasa, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Hospital Management	8	-	4	-	12	-

FOREIGN STUDENT ENROLLMENT: Since the 1981-1982 academic year, participants from the Congo have attended CPA courses.

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Hospital Management	16 hrs.	25 hrs.
Rural Development Extension Agents	40 hrs.	20 hrs.

INTERNSHIP: Participants in the hospital management program spend 1 month in a health care center; participants in the rural development extension agents program spend 1 month in a local public service office.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	TOTAL	
	Male	Female
Maîtrise	2	-
Licence	8	-
Total	10	-

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	TOTAL	
	Male	Female
Doctorat	1	-
Maîtrise	1	-
Graduat	1	-
Total	3	-

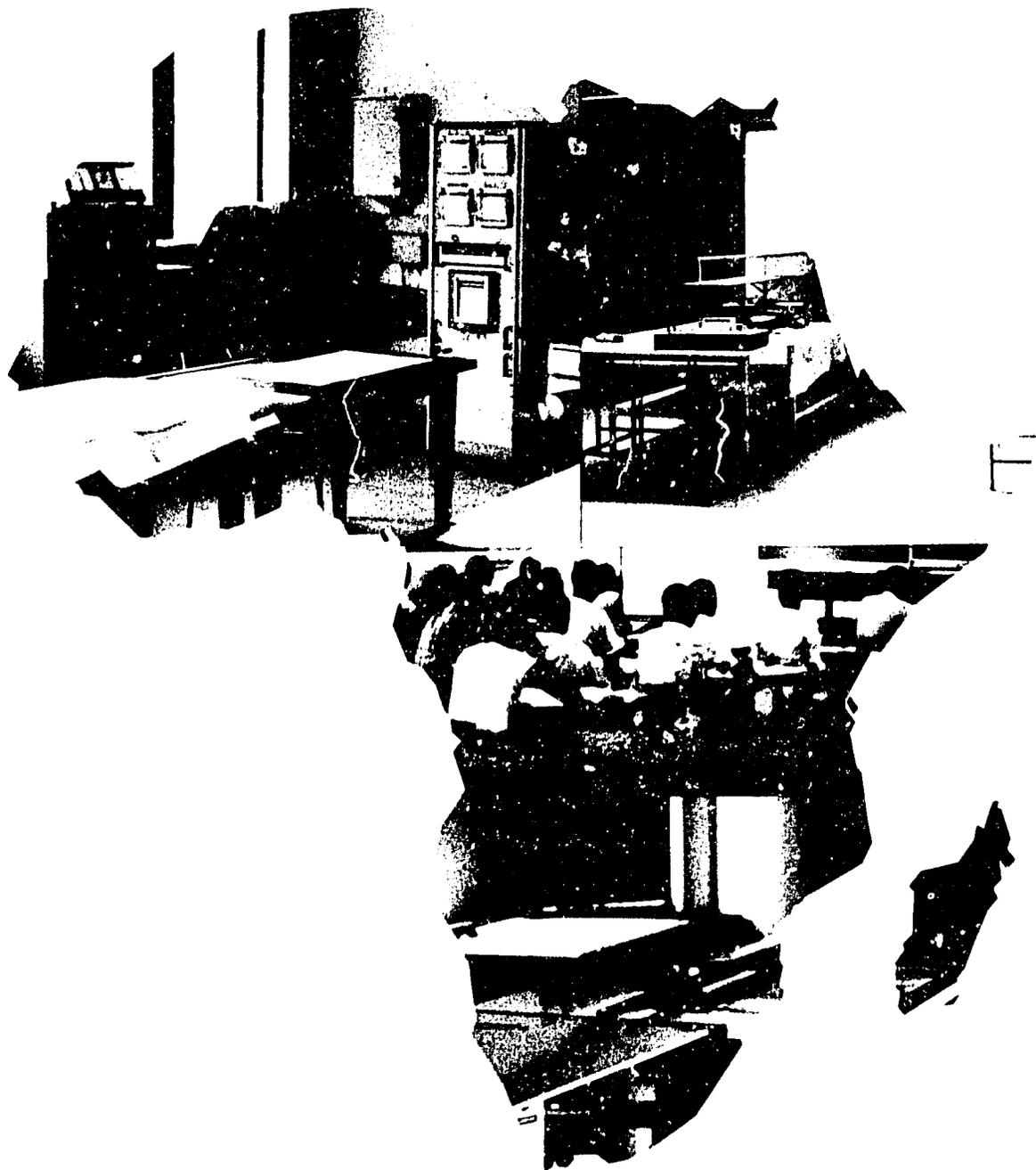
Facilities and Services

Classrooms	1 classroom of 20 places
Library	2,000 volumes, a data bank, and documentation on development in Zaire
Bookstore	Books available at CPA

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS: Institut de Recherches en Sciences Sociales Appliquées (IRSA), Kisangani, Zaire

ADDITIONAL INFORMATION: Contact the Director of CPA for additional information.

PUBLIC WORKS



NAME OF INSTITUTION: ECOLE INTER-ETATS D'INGENIEURS DE
L'EQUIPEMENT RURAL (EIER)

MAILING ADDRESS: B.P. 7023
Ouagadougou, Burkina Faso

TELEPHONE: 226-335-28

TELEX: 5266 BF

SUPERVISORY AUTHORITY: EIER is a regional institution created and financed by 13
Francophone African countries: Benin, Burkina Faso,
Cameroon, CAR, Chad, Congo, Gabon, Ivory Coast, Mali,
Mauritania, Niger, Senegal, and Togo.

FUNDING SOURCE: Member states; technical and financial assistance from
Fonds d'Aide et de Coopération (FAC), France; Agence de
Coopération Culturelle et Technique (ACCT), France; Fonds
Européen de Développement (FED), Belgium; Federal
Republic of Germany; Switzerland; The Netherlands; World
Health Organization (WHO); Food and Agriculture
Organization (FAO); United Nations Educational,
Scientific and Cultural Organization (UNESCO)

DATE FOUNDED: 1968

TRAINING PROGRAM: Rural Development/Engineering

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Engineering	Ingénieur de l'EIER (Level-Ingénieur de Conception)	DUES or DEUG or Baccalauréat with 2 years of higher education in mathematics and physics, and entrance examination	3 years
Short-term Sanitary Engineering		Engineering diploma in rural engineering, rural equipment, civil engineering or water chemistry	Nov. 15- Oct. 1
Energy for Rural Development		Engineering diploma in electricity, thermics, mechanics, rural equipment, or rural engineering	Jan. 15- Dec. 15
Mobilization of Water Resources	Certificate of Specialization	Engineering diploma in hydraulics, hydrology, rural engineering, rural equipment, or civil engineering	Dec. 1- Nov. 15
Agricultural Hydrology		Engineering diploma in agronomy, rural engineering, rural equipment or civil engineering	Jan. 1- Nov. 15

COURSE DESCRIPTION: The 3-year program concentrates on hydraulics, civil engineering, energy, refrigeration, sanitary engineering, and economics. The latter is included to develop engineers with the capacity to plan and implement engineering projects in an economic context. The specialized professional programs are open to experienced engineers and are offered in conjunction with the Ecole Polytechnique Fédérale de Lausanne (EPFL). Participants in the sanitary engineering course spend 5 months at EIER, 1.5 months in their own country, and 4 months at EPFL; those in energy for rural development spend 7.5 months at EIER, 1.5 months on study tour in neighboring countries, and a 2-month internship in another African nation; agricultural hydrology includes an internship in the student's country of origin.

LANGUAGE: French

ACADEMIC YEAR: Varies by program

ADMISSION PROCEDURES: Each member state submits its candidates to the EIER Board of Directors prior to July. Students are admitted on the basis of an examination held annually in May in each member state. Admission is granted by the EIER Board of Directors. The nominating ministries are: Ministère de l'Enseignement Supérieur et de la Recherche Scientifique (Benin and Gabon); Ministère du Développement Rural (Burkina Faso, Cameroon, CAR, Chad, Ivory Coast, Niger, and Togo); Ministère de l'Education Nationale (Congo and Mali); Ministère de l'Emploi et de la Formation des Cadres (Mauritania); and Ministère de l'Hydraulique (Senegal).

INSTITUTIONAL

PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	TOTAL	
	Male	Female
Diplôme d'Ingénieur	74	2
Professional Training Courses	25	-
Total	99	2

Graduates by Level of Study, 1984

LEVEL OF STUDY	TOTAL	
	Male	Female
Diplôme d'Ingénieur	19	2
Professional Training Courses	10	-
Total	29	2

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982
Benin	2	-	1
Burkina Faso	5	2	4
Burundi	-	1	-
Cameroon	3	4	5
Chad	-	-	3
Congo	1	2	1
Ivory Coast	4	3	1
Mauritania	1	-	1
Niger	4	1	-
Senegal	4	5	5
Togo	4	4	3
Total	28	22	24

INTERNSHIP: Following completion of the first and second years, engineering students intern in their own countries with a public or private organization or a commercial enterprise. Some professional training programs include study time in other countries.

COMPUTER TRAINING: New Brain and Apples II and III computers with 12 terminals.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	TOTAL	
	Male	Female
Ingénieur	10	-
Maîtrise	2	-
Total	12	-

Facilities and Services

Classrooms	3 air-conditioned classrooms of 25 places each
Laboratories	Computer lab with New Brain and Apples II and III
Library	Documentation center with 2,500 volumes and periodicals
Housing	80 single rooms with showers (facilities to be expanded in 1985)
Transportation	Buses available for field trips
Health Care	On-campus
Food Service	Food service provided by the <u>Université de Ouagadougou</u> , adjacent to the Institute

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Faculty exchange programs exist with the following institutions:

1. Ecole Nationale du Génie Rural des Eaux et des Forêts (ENGREF), Paris
2. Ecole Centrale des Arts et Manufactures (ECAM), Paris
3. Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
4. Université Catholique de Louvain, Belgium
5. Université Scientifique de Grenoble, France
6. Centre d'Etudes et d'Exploitation du Machinisme Agricole Tropical (CEEMAT), France
7. Institut National de la Recherche Agronomique (INRA), France.

ADDITIONAL
INFORMATION: Contact the Director of EIER for additional information.

NAME OF INSTITUTION: **ECOLE NATIONALE SUPERIEURE POLYTECHNIQUE
DE YAOUNDE (ENSPY)**

Université de Yaoundé

MAILING ADDRESS: B.P 8390
Yaoundé, Cameroon

TELEPHONE: 22-14-16
28-12-26

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur et de la Recherche
Scientifique, Government of the Republic of Cameroon

FUNDING SOURCE: Government of the Republic of Cameroon

TRAINING PROGRAM: Engineering

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Civil Engineering	Ingénieur des Travaux		<u>3 years</u>
	Ingénieur de Conception		<u>5 years</u>
Electro- mechanics	Ingénieur des Travaux	Baccalauréat C, E, F, or G and entrance examination	<u>3 years</u>
	Ingénieur de Conception		<u>5 years</u>
Electronics	Ingénieur des Travaux		<u>3 years</u>

LANGUAGE: French and English

ACADEMIC YEAR: Begins mid-September

ADMISSION PROCEDURES: Applications should be sent to ENSPY between January 20 and April 15. Entrance examinations are organized in May at the Embassy of Cameroon in the applicant's country. Exams are corrected at ENSPY, and final selection is made by the Ministère de l'Enseignement Supérieur et de la Recherche Scientifique. Tuition costs for foreign students are negotiated with the Chancellor of the University of Yaoundé. Foreign students are not admitted into the Ingénieur des Travaux programs.

FINANCIAL Tuition: 3,300 F CFA/year (Cameroonian students)
 REQUIREMENTS: Books and Materials: 150,000 F CFA/year
 Estimated Cost of Living in Yaoundé (includes housing and food): 50,000 F CFA/month

INSTITUTIONAL
 PROFILE: LOCATION: Yaoundé campus, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur des Travaux	125	3	-	-	125	3
Ingénieur de Conception	133	6	-	-	133	6
Total	258	9	-	-	258	9

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur des Travaux	36	1	-	-	36	1
Ingénieur de Conception	19	-	-	-	19	-
Total	55	1	-	-	55	1

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Ingénieur des Travaux		
First Year	23 hrs.	17 hrs.
Second Year	18 hrs.	22 hrs.
Third Year	10 hrs.	30 hrs.
Ingénieur de Conception		
First Year	25 hrs.	15 hrs.
Second Year	25 hrs.	15 hrs.
Third Year	20 hrs.	20 hrs.
Fourth Year	15 hrs.	25 hrs.
Fifth Year	10 hrs.	30 hrs.

INTERNSHIP: Students in the Ingénieur des Travaux program intern 8 weeks as a laborer in the first year, 8 weeks as a technician in the second year, and 8 weeks as an assistant engineer in the third year. Students in the Ingénieur de Conception program intern 8 weeks as a laborer in the second year, 8 weeks as a technician in the fourth year, and 8 weeks as an assistant engineer in the fifth year.

COMPUTER TRAINING: Students are trained to use Honeywell Mini 6 CII microcomputers.

FACULTY QUALIFICATIONS: Professor: Ph.D. or Doctorat d'Etat and 6 years of experience as Associate Professor; Associate Professor: Ph.D. or Doctorat d'Etat and 6 years of experience as Assistant; Assistant: Doctorat d'Etat, engineering degree, or Doctorat 3ème Cycle.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	4	-	2	-	6	-
Doctorat 3ème Cycle	15	1	10	-	25	1
Ingénieur	3	-	9	-	12	-
Total	22	1	21	-	43	1

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	-	-	1	-	1	-
Doctorat 3ème Cycle	6	1	-	-	6	1
Total	6	1	1	-	7	1

Facilities and Services

Classrooms	4 rooms of 24 places each, 3 rooms of 18 places each, 1 room of 42 places, and an auditorium of 112 places
Laboratories	2 physics labs, 1 civil engineering lab, 1 electronics lab, 1 computer room, and 3 drafting rooms of 18 places each
Library	2,000 volumes
Transportation	Available between campus and downtown Yaoundé
Housing	Available at Université de Yaoundé campus
Health Care	Université de Yaoundé campus
Food Service	Université de Yaoundé campus
Bookstore	Université de Yaoundé campus

OTHER SERVICES: Students' families may use some of the services provided.

COOPERATION WITH OTHER INSTITUTIONS/ORGANIZATIONS:

1. Ecole Nationale Supérieure de l'Enseignement Technique (ENSET), Cachau, France
2. Institut National des Sciences Appliquées (INSA), Lyon, France
3. Institut National Polytechnique de Lorraine (INPL), Nancy, France
4. Université Libre de Bruxelles (ULB), Belgium
5. Pennsylvania State University, U.S.A.

The nature of cooperation is training-of-trainers and providing research and training materials.

ADDITIONAL INFORMATION: The ENSPY brochure was being updated at the time of the study. Contact the Office of the Director for additional information.

NAME OF INSTITUTION: **ECOLE NATIONALE SUPERIEURE DES TRAVAUX PUBLICS (ENSTP)**

MAILING ADDRESS: B.P. 510
Yaoundé, Cameroon

TELEPHONE: 22-04-06

SUPERVISORY AUTHORITY: Ministère de l'Équipement, Government of the Republic of Cameroon

FUNDING SOURCE: Government of the Republic of Cameroon

DATE FOUNDED: 1970

TRAINING PROGRAM: Public Works

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Civil Engineering	Ingénieur des Travaux	Baccalauréat	3 years
	Techniciens Supérieurs	Baccalauréat	2 years
	Techniciens	Level Baccalauréat	2 years
	Agents Techniques	BEPC	2 years
Rural Engineering	Techniciens Supérieurs	Baccalauréat	2 years
	Techniciens	Level Baccalauréat	2 years
	Agents Techniques	BEPC	2 years
Surveying	Techniciens Supérieurs	Baccalauréat	2 years
	Techniciens	Level Baccalauréat	2 years
	Agents Techniques	BEPC	2 years
Urban Planning	Techniciens Supérieurs	Baccalauréat	2 years
	Techniciens	Level Baccalauréat	2 years

LANGUAGE: French and English

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to the Ministère de la Fonction Publique, Direction des Concours, Yaoundé, before July. Entrance examinations are required for all fields of study; they are organized in Cameroon between August and September.

FINANCIAL
REQUIREMENTS: The government scholarship is 50,000-75,000 F CFA/month.

INSTITUTIONAL
PROFILE: LOCATION: Yaoundé, urban area. There is an annex in Buea which offers the following programs: surveying (Agents Techniques), rural engineering (Techniciens), and civil engineering (Techniciens).

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Civil Engineering (IT)	92	2	1	-	93	2
Civil Engineering (Other)	144	3	-	-	144	3
Rural Engineering	99	3	-	-	99	3
Surveying	23	1	-	-	23	1
Urban Planning	39	1	-	-	39	1
Total	397	10	1	-	398	10

Graduates by Field of Study, 1984

FIELD OF STUDY	TOTAL	
	Male	Female
Civil Engineering (TS)		19
Civil Engineering (T)		18
Civil Engineering (AT)		9
Rural Engineering (TS)		13
Rural Engineering (AT)		12
Surveying (TS)		14
Surveying (T)		13
Surveying (AT)		10
Urban Planning (TS)		15
Urban Planning (T)		10
Total		133

CLASSROOM/PRACTICUM: For all fields/levels of study, 66% of course hours are devoted to classroom and 33% to practicum.

INTERNSHIP: For all fields of study, there is a 4-week internship at the end of the first year with one of the following ministries: agriculture, urban planning, or equipment. For the Ingénieurs des Travaux, there is a 4-week internship following the first and second years with a ministry or with a private company.

COMPUTER TRAINING: Available but unspecified.

FACULTY QUALIFICATIONS: Professor at Ingénieur des Travaux level: Doctorat 3ème Cycle; Professor at the Techniciens Supérieurs and Techniciens levels: Licence or Maîtrise; Professor at the Agents Techniques level: Brevet de Technicien Supérieur.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	2	-	-	-	2	-
Ingénieur	3	-	7	-	10	-
Maîtrise	4	-	-	-	4	-
Licence	1	1	-	-	1	1
BTS	13	-	-	-	13	-
Total	23	1	7	-	30	1

Facilities and Services

Classrooms	27 classrooms of 15-37 places each
Laboratories	1 hydraulics lab, 1 physics/chemistry lab, and 1 geotechnical lab
Library	200 volumes
Health Care	On-campus

ADDITIONAL INFORMATION: Contact the Ministère de la Fonction Publique, Government of Cameroon, Yaoundé for additional information.

NAME OF INSTITUTION: **ECOLE NATIONALE D'INGENIEURS DES
TECHNIQUES (ENIT)**
Ecole Nationale Supérieure des Travaux Publics (ENSTP)

MAILING ADDRESS: B.P. 1083
Yamoussokro, Ivory Coast

TELEPHONE: 64-01-00

TELEX: 72112

SUPERVISORY AUTHORITY: Ministère des Travaux Publics et des Transports, Govern-
ment of the Republic of Ivory Coast

FUNDING SOURCE: Government of the Republic of Ivory Coast

DATE FOUNDED: 1978

TRAINING PROGRAM: Public Works

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Highway Construction</u>	Diplôme d'Ingénieur des Techniques	Baccalauréat C, D, or E or equivalent and an aptitude test	4 years
<u>Building Construction</u>			
<u>Geography</u>		BTSs with 5 years of profes- sional experience and profes- sional examination are admitted into the third year of the program.	
<u>Geology/Mining Hydraulic Engineering</u>			

COURSE DESCRIPTION: In the first year, courses include mathematics, physics, chemistry, and drafting. In the second year, concentration shifts toward more technical studies. While total academic hours remain basically the same, the hours of the practicum double.

The third and fourth years of the program are devoted to specialization in one of the options listed above. More than 40 private and public businesses and agencies participate with ENIT in the practicum and internship phases.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Division des Moyens de l'Ecole Nationale Supérieure des Travaux Publics, Service de la Scolarité before September 15. Applications should include a completed application form, a handwritten request for admission, birth certificate, certificate of nationality, police record, marital status, copies of degrees/diplomas, four photographs, a self-addressed stamped envelope, and official authorization to attend ENSPT. Aptitude tests are administered in July. A limited number of places in each class is reserved for foreign students. This number is determined annually.

FINANCIAL REQUIREMENTS: Tuition (nationals): 7,500 F CFA/year
Lodging in Dormitory (on-campus): 7,000 F CFA/month
Books and Materials: 3,500 F CFA/month
Food Service (on-campus): 450 F CFA/day
Estimated Cost of Living in Yamoussokro (includes housing and food): 40,000 F CFA CFA/month

INSTITUTIONAL PROFILE: LOCATION: Yamoussokro, approximately 200 kms. from Abidjan, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur des Techniques	163	13	37	1	200	14

Graduates by Field of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur des Techniques	70	10	11	-	81	10

Foreign Student Enrollment

COUNTRY OF ORIGIN	1984-1985	1983-1984
Benin	9	9
Burkina Faso	4	9
CAR	8	-
France	-	1
Gabon	4	4
Guinea	1	1
Libya	2	2
Mauritania	4	5
Niger	2	3
Senegal	1	3
Togo	-	1
Total	35	38

INTERNSHIP: Students intern a total of 6.5 months at ENIT. The first internship takes place at the end of the second year, when students are assigned to a job site to learn the administrative and operational functions of their field of study (2 months).

At the end of the third year, students intern at either a job site or in the research/consulting department of an engineering firm, where they apply their knowledge to real problems of the work place, assess the training received with the demands of their professions, and learn to work as a member of a team (2 months).

During the fourth year, students advise their agency or firm on various technical, organizational, financial, and administrative matters. At the conclusion of this practicum, the students are able to evaluate their own technical qualifications and administrative capabilities (2.5 months).

COMPUTER TRAINING: PASCAL language

Full-Time Faculty by Diploma/Degree*

DIPLOMA/DEGREE	NATIONAL	FOREIGN	TOTAL
Doctorat d'Etat	1	2	3
Doctorat 3ème Cycle	2	8	10
Doctorat Ingénieur	-	5	5
Professeur Certifié	-	8	8
Professeur Agrégé	1	1	2
Ingénieur	8	55	63
Maîtrise	2	5	7
Other	14	30	44
Total	28	114	142

Part-Time Faculty by Diploma/Degree*

DIPLOMA/DEGREE	NATIONAL	FOREIGN	TOTAL
Doctorat d'Etat	1	-	1
Doctorat 3ème Cycle	1	-	1
Ingénieur	18	19	37
Maîtrise	2	-	2
Other	2	3	5
Total	24	22	46

*Includes all ENSTP faculty in Yamoussokro: ENIT, ENTS, ENSI

Facilities and Services (Includes all ENSTP facilities)

Classrooms	36 classrooms with 25 places each
Laboratories	10 laboratories
Library	Over 14,000 books and video cassettes
Housing	Available on-campus
Transportation	Available between ENSTP and Yamoussokro
Health Care	On-campus
Food Service	On-campus
Bookstore	On-campus

OTHER SERVICES: A variety of sports and leisure time activities is available to students at the Institute.

COOPERATION WITH OTHER INSTITUTIONS/ORGANIZATIONS:

1. Ecole Nationale des Ponts et Chaussées de Paris, France
2. Institut de Recherche sur les Energies Nouvelles d'Abidjan
3. Laboratoire de Physique du Solide et d'Energie Solaire de Sophia Antipolis
4. Mission Interministérielle d'Information Scientifique et Technique Française (MIDIST)
5. Institut für Angewandte Geodäsie, Federal Republic of Germany
6. Ecole Nationale Supérieure d'Electronique, d'Electricité, d'Informatique et d'Hydraulique de Toulouse, France

ADDITIONAL INFORMATION: Contact the Directeur, Service de la Scolarité, ENSTP, for additional information.

NAME OF INSTITUTION: **ECOLE NATIONALE SUPERIEURE
D'INGENIEURS (ENSI)**

Ecole Nationale Supérieure des Travaux Publics (ENSTP)

MAILING ADDRESS: B.P. 1083
Yamoussokro, Ivory Coast

TELEPHONE: 64-01-00

TELEX: 72112

SUPERVISORY AUTHORITY: Ministère des Travaux Publics et des Transports, Govern-
ment of the Republic of Ivory Coast

FUNDING SOURCE: Government of the Republic of Ivory Coast

DATE FOUNDED: 1967

TRAINING PROGRAM: Public Works

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Highway Infrastructure	Ingénieur de Con- ception (Diplôme d'Ingénieur des Travaux Publics)	Baccalauréat C or equivalent and aptitude test	5 years
Buildings			
Hydraulics			

COURSE DESCRIPTION: The first 2 years of the program are preparatory to a competitive examination with concentration on mathematics and the sciences. Students follow a core program that emphasizes fundamental technical skills during the third year and the first semester of the fourth year. The core studies program devotes 80% of study to basic sciences and 20% to specialized areas. At the end of the core program, students select an area of specialization and follow that track through the remainder of the program.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Division des Moyens de l'Ecole Nationale Supérieure des Travaux Publics, Service de la Scolarité before September 15. Applications should include a completed application form, a handwritten request for admission, birth certificate, certificate of nationality, police record, marital status, copies of degrees/diplomas, four photographs, a self-addressed stamped envelope, and official authorization to attend ENSTP. Aptitude tests are administered in July. A limited number of places in each class is reserved for foreign students. This number is determined annually.

FINANCIAL REQUIREMENTS: Tuition (nationals): 7,500 F CFA/year
Lodging in Dormitory (on-campus): 7,000 F CFA/month
Books and Materials: 3,500 F CFA/month
Food Service (on-campus): 450 F CFA/day
Estimated Cost of Living in Yamoussokro (includes housing and food): 40,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Yamoussokro, approximately 200 kms. from Abidjan, urban area

Student Enrollment by Field of Study, 1983-1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur de Conception	136	1	15	-	151	1

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur de Conception	24	-	3	-	27	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983
Benin	5	4
Burkina Faso	8	3
Cameroon	-	1
CAR	1	-
France	-	1
Gabon	1	1
Italy	-	1
Libya	-	2
Mali	1	-
Niger	1	1
Nigeria	1	-
Togo	2	1
Total	20	15

INTERNSHIP: In addition to 6.5 weeks of internship each year, students at ENSI are required to prepare a year-end report during the last semester of the fifth year.

COMPUTER TRAINING: PASCAL language

Full-Time Faculty by Diploma/Degree*

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1		2		3	
Doctorat 3ème Cycle	2		8		10	
Doctorat Ingénieur	-		5		5	
Professeur Certifié	-		8		8	
Professeur Agrégé	1		1		2	
Ingénieur	8		55		63	
Maîtrise	2		5		7	
Others	14		30		44	
Total	28		114		142	

Part-Time Faculty by Diploma/Degree*

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1		-		1	
Doctorat 3ème Cycle	1		-		1	
Ingénieur	18		19		37	
Maîtrise	2		-		2	
Others	2		3		5	
Total	24		22		46	

*Includes all ENSTP faculty in Yamoussokro: ENSI, ENIT, ENTS

Facilities and Services (includes all ENSTP facilities)

Classrooms	36 classrooms of 25 places each
Laboratories	10 labs (types unspecified)
Library	14,000 volumes, including video cassettes
Housing	Available on-campus
Transportation	Available between ENSTP and Yamoussokro
Health Care	On-campus
Food Service	On-campus
Bookstore	On-campus

OTHER SERVICES: A variety of sports and leisure time activities is available to students.

COOPERATION WITH OTHER INSTITUTIONS/ORGANIZATIONS:

1. l'Ecole Nationale des Ponts et Chaussées de Paris, France
2. Institut de Recherche sur les Energies Nouvelles d'Abidjan
3. Laboratoire de Physique du Solide et d'Energie Solaire de Sophia Antipolis
4. Mission Interministérielle d'Information Scientifique et Technique Française (MIDIST)
5. Institut für Angewandte Geodäsie, Federal Republic of Germany
6. Ecole Nationale Supérieure d'Electronique, d'Electricité, d'Informatique et d'Hydraulique de Toulouse, France

ADDITIONAL INFORMATION: Contact the Directeur, Service de la Scolarité, for additional information.

NAME OF INSTITUTION: **ECOLE NATIONALE SUPERIEURE D'INGENIEURS
D'ABIDJAN (ENSIA)**

Institut National Supérieur de l'Enseignement Technique
(INSET)

MAILING ADDRESS: B.P. 1093
Yamoussokro, Ivory Coast

TELEPHONE: 64-05-41
64-03-53

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale et de la Recherche
Scientifique, Government of the Republic of Ivory Coast

FUNDING SOURCE: Government of the Republic of Ivory Coast

DATE FOUNDED: 1975

TRAINING PROGRAM: Mechanical Engineering

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENT (Foreign)	LENGTH
General Mechanical Engineering	Diplôme d'Ingénieur Généraliste de l'ENSIA	Baccalauréat C or E and tests of psychomotor skills; students can enter in second year with advanced mathematics and in third year with DUES and examination	5 years

COURSE DESCRIPTION: During the first year, there is a heavy concentration on advanced mathematics. Beginning the second year, courses include mechanical engineering, electrical engineering, and energy. In the fifth year, 600 hours are devoted to an end-of-studies paper.

Graduate engineers from ENSIA are employed as technical directors, production directors, maintenance engineers, and technical-commercial engineers.

LANGUAGE: French

ACADEMIC YEAR: Begins October

ADMISSION PROCEDURES: Applications should be sent to INSET by June. Foreign applicants must obtain a scholarship from their government and approval from the Ministère de l'Éducation Nationale et de la Recherche Scientifique, Ivory Coast.

FINANCIAL REQUIREMENTS: Registration Fee: 7,500 F CFA/year
Lodging in Dormitory (on-campus): 7,500 F CFA/month
Food Service (on-campus): 450 F CFA/day
Books and Materials (equipment and clothing):
50,000-100,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Yamoussokro, 200 kms. from Abidjan, rural area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
General						
Mechanical Engineering	63	6	10	-	73	6

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
General						
Mechanical Engineering	6	-	2	-	8	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Lebanon	1
Togo	1
Total	2

INTERNSHIP: There are 3 obligatory internships of 6 weeks: worker's training at the end of the second year, foreman training at the end of the third year, and technical training at the end of the fourth year.

COMPUTER TRAINING: Computers are used to simulate and monitor industrial processes and machines. Data processing courses are offered.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained in equipment maintenance.

INSET Faculty by Diploma/Degree and Specialty, 1983-1984*

DIPLOMA DEGREE	INSET TOTAL	AREAS OF SPECIALIZATION RELEVANT TO ENSIA			
		MECHANICS	ELECTRONICS	ENERGY	MATHEMATICS
Doctorat	17	-	-	1	2
DEA	24	-	1	-	1
DESS	11	-	-	-	-
Agrégation	14	9	1	-	1
Certifié (CAP)	20	9	-	-	1
Ingénieur	72	5	39	4	5
Grandes Ecoles	26	4	2	3	-
Others	32	10	8	-	-
Total	216	37	51	8	10

*INSET's faculty is composed of 82 Ivoiriens and 134 expatriates. Although faculty breakdown by school was unavailable, breakdown by areas of specialization was available for INSET as a whole.

Facilities and Services

<u>Classrooms</u>	30 classrooms of 25 places each
<u>Laboratories</u>	10 labs, including computer, physics, chemistry, and biology; industrial workshops
<u>Library</u>	Two libraries (number of volumes unspecified)
<u>Transportation</u>	Available between campus and Yamoussokro
<u>Housing</u>	
<u>Health Care</u>	These services are available through the <u>Centre National des Oeuvres Universitaires (CNOU)</u> , <u>Ministère de l'Éducation Nationale et de la Recherche Scientifique</u>
<u>Food Service</u>	
<u>Foreign Student Counselor</u>	
<u>Bookstore</u>	

OTHER SERVICES: Student union and sports complex, including football, basketball, tennis, and volleyball.

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director, ENSiA.

NAME OF INSTITUTION: **ECOLE NATIONALE DE TECHNICIENS
SUPERIEURS (ENTS)**
Ecole Nationale Supérieure des Travaux Publics (ENSTP)

MAILING ADDRESS: B.P. 1083
Yamoussokro, Ivory Coast

TELEPHONE: 64-01-00

TELEX: 72112

SUPERVISORY AUTHORITY: Ministère des Travaux Publics et des Transports, Govern-
ment of the Republic of Ivory Coast

FUNDING SOURCE: Government of the Republic of Ivory Coast

DATE FOUNDED: 1966

TRAINING PROGRAM: Public Works

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Highways</u>		BEPC and aptitude test;	
<u>Buildings</u>	Technicien	Baccalauréat Technique	
<u>Hydraulics</u>	Supérieur	Series F4 and aptitude	5 years
<u>Surveying</u>		test required for admis-	
<u>Topography</u>		sion to the fourth year	
<u>Urban</u>		of study	
<u>Planning</u>			

COURSE DESCRIPTION: The first year of the program includes courses in mathematics, physics, and chemistry as well as workshops in the various specialties. Students enter one of the five options in the second year.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Division des Moyens de l'Ecole Nationale Supérieure des Travaux Publics, Service de la Scolarité before September 15. Applications should include a completed application form, a handwritten request for admission, birth certificate, certificate of nationality, police record, marital status, copies of degrees/diplomas, four photographs, a self-addressed stamped envelope and official authorization to attend ENSTP. Aptitude tests are administered in July. A limited number of places in each class is reserved for foreign students. This number is determined annually.

FINANCIAL REQUIREMENTS: Tuition: 7,500 F CFA
Lodging in Dormitory (on-campus): 7,000 F CFA/month
Books and Materials: 3,500 F CFA/month
Estimated Cost of Living in Yamoussokro (includes housing and food): 40,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Yamoussokro, approximately 200 kms. from Abidjan, urban area

Student Enrollment by Level of Study, 1983-1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Technicien Supérieur	210	5	8	-	218	5

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Technicien Supérieur	96	-	2	-	98	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1984-1985	1983-1984
Burkina Faso	3	1
France	1	1
Chad	3	5
Niger	1	1
Total	8	8

INTERNSHIP: In the third year, students intern at job sites, where they learn the administrative and operational functions of their field of study. In the fourth year, they apply their knowledge to the problems of the work place, assess the training received, and learn to work as members of a team. In the final year, students are acquainted with management problems and skills. They also prepare an end-of-project paper.

COMPUTER TRAINING: PASCAL language

Full-Time Faculty by Diploma/Degree*

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1		2		3	
Doctorat 3ème Cycle	2		8		10	
Doctorat Ingénieur	-		5		5	
Professeur Certifié	-		8		8	
Professeur Agrégé	1		1		2	
Ingénieur	8		55		63	
Maîtrise	2		5		7	
Others	14		30		44	
Total	28		114		142	

Part-Time Faculty by Diploma/Degree*

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1		-		1	
Doctorat 3ème Cycle	1		-		1	
Ingénieur	18		19		37	
Maîtrise	2		-		2	
Others	2		3		5	
Total	24		22		46	

*Includes all ENSTP faculty in Yamoussokro: ENSI, ENT, ENTS

Facilities and Services (includes all ENSTP Facilities)

Classrooms	36 classrooms of 25 places each
Laboratories	10 laboratories
Library	Over 14,000 volumes, including video cassettes
Housing	Available on-campus
Transportation	Available between ENSTP and Yamoussokro
Health Care	On-campus
Food Service	On-campus
Bookstore	On-campus

OTHER SERVICES: A variety of sports and leisure time activities is available to students at the Institute.

COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS:

1. Ecole Nationale des Ponts et Chaussées de Paris, France
2. Institut de Recherche sur les Energies Nouvelles d'Abidjan
3. Laboratoire de Physique du Solide et d'Energie Solaire de Sophia Antipolis
4. Mission Interministérielle d'Information Scientifique et Technique Française (MIDIST)
5. Institut für Angewandte Geodäsie, Federal Republic of Germany
6. Ecole Nationale Supérieure d'Electronique, d'Electricité, d'Informatique et d'Hydraulique de Toulouse, France

ADDITIONAL INFORMATION: Contact the Directeur, Service de la Scolarité, ENSTP, for additional information.

NAME OF INSTITUTION: **ECOLE NATIONALE D'INGENIEURS (ENI)**

MAILING ADDRESS: B.P. 242
Bamako, Mali

TELEPHONE: 22-27-36

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale, Government of the Republic of Mali

FUNDING SOURCE: Government of the Republic of Mali

DATE FOUNDED: 1939

TRAINING PROGRAM: Engineering

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Civil Engineering</u>	Diplôme d'Ingénieur en Sciences	Baccalauréat in Science; Brevet de Technicien Supérieur or equivalent may be admitted into the second or third year of the program following a professional examination.	4 years
<u>Electromechanics</u>	Appliquées and/or		
<u>Geology</u>	Professeur de l'Enseignement Technique		
<u>Topography</u>			

COURSE DESCRIPTION: The programs are designed to develop engineers who are capable of conceptualizing and implementing all aspects of work in their respective specialties. Students spend the first 2 years in a core studies program that emphasizes the sciences. In the third and fourth years, they concentrate on their area of specialization. The second semester of the fourth year is devoted to a final paper.

Students pursuing the Diplôme d'Ingénieur en Sciences Appliquées must defend their final papers before an academic panel.

Students in the Professeur de l'Enseignement Technique track present their final papers to the graduating class of the Ecole Centrale de l'Industrie, du Commerce et de l'Administration. These students take courses in education and participate in practice teaching.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Direction de l'Enseignement Supérieur et de la Recherche Scientifique, Ministère de l'Education Nationale before August 31. Applications should include birth certificate, transcript, and diplomas, two medical certificates, and certification of applicant's scholarship by the employer or the sponsoring organization.

FINANCIAL Tuition: 250,000 F CFA/year
 REQUIREMENTS: Estimated Cost of Living in Bamako (includes housing and food): 60,000 F CFA/month

INSTITUTIONAL
 PROFILE: LOCATION: Bamako, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Civil Engineering	211	12	73	1	284	13
Electromechanics	240	6	42	-	282	6
Geology	95	4	21	1	116	5
Topography	63	1	34	-	97	1
Total	609	23	170	2	779	25

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Civil Engineering	63	2	1	-	64	2
Electromechanics	8	-	9	-	17	-
Geology	5	-	2	-	7	-
Topography	21	-	3	-	24	-
Total	97	2	15	-	112	2

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Benin	3
Burkina Faso	70
CAR	12
Chad	10
Comores	1
Congo	13
Gabon	4
Ivory Coast	1
Mauritania	4
Niger	40
Togo	11
Total	169

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Civil Engineering	40 hrs.	3 hrs.
Electromechanics	36 hrs.	8 hrs.
Geology	32 hrs.	10 hrs.
Topography	30 hrs.	12 hrs.

INTERNSHIP: There are internships of 4-5 weeks at the end of the second and third years.

COMPUTER TRAINING: Available but unspecified.

REPAIR AND MAINTENANCE OF EQUIPMENT: Available but unspecified.

FACULTY QUALIFICATIONS: Professor and Assistant Professor: Doctorat d'Etat, Ph.D., or Doctorat 3ème Cycle; Assistant: Diplôme d'Ingénieur, Maîtrise, or Diplôme des Etudes Approfondies (DEA).

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	-	-	22	-	22	-
Doctorat 3ème Cycle	15	-	5	-	20	-
Ingénieur	17	1	19	1	36	2
Maîtrise	3	-	-	-	3	-
Licence	-	1	-	-	-	1
Baccalauréat	10	1	-	-	10	1
Total	45	3	46	1	91	4

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	6	-	-	-	6	-
Ingénieur	11	-	-	-	11	-
Licence	4	-	-	-	4	-
Total	21	-	-	-	21	-

Facilities and Services

Classrooms	25 classrooms of 50 places each
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Laboratories	26 labs (types unspecified)
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Library	3,500 volumes
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Health Care	On-campus
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Foreign Student Counselor	On-campus
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COOPERATION WITH
OTHER INSTITUTIONS/
ORGANIZATIONS: Ecole Nationale Supérieure des Arts et Industries,
Strasbourg, France

ADDITIONAL
INFORMATION: Contact the Directeur Général, ENI, for additional
information.

NAME OF INSTITUTION: ECOLE NATIONALE SUPERIEURE UNIVERSITAIRE DE
TECHNOLOGIE (ENSUT)

Université de Dakar

MAILING ADDRESS: B.P. 5085
Dakar-Fann, Senegal

TELEPHONE: 22-27-36

TELEX: 224
ENSUT.S.G.

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of the
Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal

DATE FOUNDED: 1971

TRAINING PROGRAM: Industrial and Technical Training

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Chemical Engineering</u>			
<u>Civil Engineering</u>		Baccalauréat and scholarship	2 years
<u>Electrical Engineering</u>			
<u>Mechanical Engineering</u>	Diplôme Universitaire de Technologie (DUT) and/or Diplôme d'Ingénieur Technologue (DIT)		
<u>Meteorology Tertiary Division</u>		Diplôme Universitaire de Technologie (DUT) with honors and scholarship	2 years
<u>Data Processing</u>			

COURSE DESCRIPTION: The chemical engineering program includes courses in biological analysis, food industries, and vegetable protection. The civil engineering option includes sanitation, rural engineering, public works, and building trades. The tertiary division option includes accounting, finance, and management. The data processing program trains program management analysts.

LANGUAGE: French

ACADEMIC YEAR: Begins the end of October

ADMISSION PROCEDURES: Applications for admission of foreign students should be sent to the Service de la Scolarité or ENSUT before September 30. Final selection of candidates is made by a panel composed of ENSUT faculty members.

FINANCIAL REQUIREMENTS: Tuition: 50,000 F CFA/year
 Lodging in Dormitory (on-campus): 2,500 F CFA/month
 Food Service (on-campus): 5,000 F CFA/month
 Books and Materials: 50,000 F CFA/year
 Estimated Cost of Living in Dakar (includes housing and food): 40,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY*	NATIONAL	FOREIGN	TOTAL
Chemical Engineering	71	28	99
Electrical Engineering	37	30	67
Civil Engineering	48	33	81
Mechanical Engineering	31	8	39
Tertiary Division	75	28	103
Data Processing	17	14	31
Total	279	141	420

*Total enrollments for both DUT and DIT

292

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL	FOREIGN	TOTAL
Chemical Engineering	29	8	37
Electrical Engineering	14	5	19
Civil Engineering	13	9	22
Mechanical Engineering	13	1	14
Tertiary Division	30	10	40
Data Processing	7	6	13
Total	106	39	145

CLASSROOM/PRACTICUM: For all fields of study, the number of hours spent in the class and practicum totals 38 hours per week.

INTERNSHIP: Students in all fields participate in a 1-month internship in local businesses and industries during each summer vacation. Students are graded and receive credit for internships. Third- and fourth-year students prepare and defend theses based on practicums conducted in research laboratories or in local industries.

COMPUTER TRAINING: Available but unspecified.

REPAIR AND MAINTENANCE OF EQUIPMENT: Included in both the Mechanical and Electrical Engineering programs.

FACULTY QUALIFICATIONS: Professor and Associate Professor: Doctorat d'Etat, Ph.D, or equivalent; Assistant: Doctorat 3ème Cycle, Agrégé, Certifié, or Ingénieur in a related specialty.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	3	-	1	-	4	-
Doctorat 3ème Cycle	8	1	6	-	14	1
Ingénieur	8	-	20	1	28	1
Other	13	4	17	3	30	7
Total	32	5	44	4	76	9

PART-TIME FACULTY: ENSUT has 80 part-time faculty members.

Facilities and Services

Classrooms	1 amphitheater of 250 places, 1 amphitheater of 90 places, 10 classrooms of 30 places, 10 classrooms of 15 places
Laboratories	1 chemistry hall; 20 labs for physics, chemistry, biology, electricity, electronics, data processing; 3 workshops for mechanics and 1 workshop each for carpentry, masonry, and soil analysis
Library	15,000 volumes and 120 periodical subscriptions
Housing	
Health Care	
Food Service	These services are available through <u>Centre des Oeuvres Universitaires de Dakar (COUD)</u>
Foreign Student Counselor	
Bookstore	

- COOPRATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Université de Paris Val de Marne, Créteil, France
 2. Université des Sciences et Techniques du Languedoc, Montpellier, France
 3. Network of African Science and Technology Institutions, Nairobi, Kenya

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director.

NAME OF INSTITUTION: ECOLE POLYTECHNIQUE DE THIES (EPT)

MAILING ADDRESS: B.P. 10
Thiès, Senegal

TELEPHONE: 51-16-32
51-15-48
51-13-42

SUPERVISORY AUTHORITY: Ministère des Forces Armées, Government of the Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal and Canada for operating expenses. The Canadian International Development Agency (CIDA) provides scholarships for all EPT students.

DATE FOUNDED: 1973

TRAINING PROGRAM: Engineering

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Civil Engineering	Ingénieur de Conception (Diplôme d'Ingénieur)	Baccalauréat Series C and D, entrance examination, single, and under 23 years	5 years
Mechanical Engineering			

COURSE DESCRIPTION: There is a core studies program of 2.5 years common to both fields of study.

LANGUAGE: French

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to the Director of EPT through the sending country's government by April for the entrance examination. Examinations are organized in the applicant's country. Applications should include a birth certificate, a medical certificate signed by two military physicians, and academic records, including class standing.

FINANCIAL REQUIREMENTS: All students receive a CIDA scholarship of 1,600,000 F CFA/year. This covers all students expenses.

INSTITUTIONAL PROFILE: LOCATION: Thiès, 70 kms. east of Dakar, rural area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL	
	Male	Female
Core Program		110
Civil Engineering		38
Mechanical Engineering		33
Total		181

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL	
	Male	Female
Civil Engineering		23
Mechanical Engineering		21
Total		44

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984
Benin	10
Burkina Faso	7
Mali	1
Mauritania	3
Niger	6
Togo	11
Zaire	4
Total	42

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK		
	Classroom	Laboratory	Practicum
First Year	15	13	14
Second Year	19	10	18
Third year			
1st semester	20	13	19
2nd semester			
Civil Engineer	14	10	14
Mechanical Engineer	17	11	16
Fourth Year			
Civil Engineer	20	10	19
Mechanical Engineer	20	7	19
Fifth Year			
Civil Engineer	15	14	17
Mechanical Engineer	15	15	16

INTERNSHIP: Students intern as laborers following the second year of study and as foremen following the fourth year.

COMPUTER TRAINING: Available but unspecified.

FAULTY QUALIFICATIONS: Professors are graduates of EPT and hold a Doctorat 3eme Cycle, a Ph.D., or a Master's degree.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	5	-	15	1	20	1
DUES, DUEG, DUT, BTS*	3	1	8	-	11	1
Total	8	1	23	1	31	2

*These faculty members are laboratory technicians.

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	12	2	5	-	17	2

Facilities and Services

Classrooms	1 amphitheatre of 112 places, 2 amphitheaters of 50 places each, and 20 classrooms with a total of 300 places
Laboratories	6 labs, (sanitary engineering, physics, chemistry, soils science, topometrics, and hydraulics)
Library	10,600 volumes
Housing	Dormitory capacity of 350 places on-campus
Transportation	Available between campus and Thies
Health Care	On-campus
Food Service	On-campus

COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS: University of Montreal, Canada, provides faculty exchange and curriculum development with financing from the Canadian International Development Agency (CIDA).

ADDITIONAL INFORMATION: Contact the Chef du Service de la Scolarité, EPT, for additional information.

NAME OF INSTITUTION: CENTRE REGIONAL DE FORMATION POUR
ENTRETIEN ROUTIER (CERFER)

MAILING ADDRESS: B.P. 1379
Lomé, Togo

TELEPHONE: 21-55-11

TELEX: CERFER 5240

SUPERVISORY AUTHORITY: Conseil de l'Entente (member states are Benin, Burkina
Faso, Ivory Coast, Niger, and Togo)

FUNDING SOURCE: Conseil de l'Entente

DATE FOUNDED: 1970

TRAINING PROGRAM: Highway Maintenance

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Heavy Equipment Mechanics	Agent Technique	BEPC or CAP, professional ex- perience, entrance examination, and scholarship	2 years
Civil Engineering			

COURSE DESCRIPTION: In 1984, CERFER offered courses of study at two levels: Cycle A and Cycle B. Cycle A included heavy equipment mechanics, sheet metal, and inventory. Students matriculating from Cycle A received a degree at the Adjoint Technique level. Cycle A will be dropped from the CERFER curricula in 1985 and therefore does not appear in the table above. The table refers to Cycle B, a new program that began in 1984. Graduates of the program will be crew leaders or foremen in their respective fields.

LANGUAGE: French

ACADEMIC YEAR: October 1 - June 30

ADMISSION PROCEDURES: Participants from countries outside the Conseil de l'Entente are admitted when places are available. Applications should be sent to CERFER between January 1 and April 30. Entrance examinations are organized during the first week of June at the Ministère des Travaux Publics in each of the member countries. Final selection of candidates is made by CERFER. Candidates must have secured a scholarship from their government or from an international donor.

FINANCIAL REQUIREMENTS: Tuition: 1,250,000 F CFA/year
 Lodging in Dormitory and Food Service (on-campus): 800,000 F CFA/year
 Books and Materials: 130,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Lomé, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	TOTAL	
	Male	Female
Cycle A		
Mechanics	36	-
Inventory	12	-
Sheet Metal	7	-
Cycle B		
Mechanics	15	-
Civil Engineering	25	-
Total	95	-

Cycle A Graduates by Field of Study, 1984

FIELD OF STUDY	TOTAL	
	Male	Female
Mechanics	23	-
Inventory	7	-
Sheet Metal	5	-
Total	35	-

Student Enrollment by Country of Origin

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	21	25	24	30
Burkina Faso	18	20	22	26
Gabon	2	2	-	-
Ivory Coast	18	21	14	14
Niger	17	21	16	20
Togo	12	18	23	37
Total	88	107	99	127

Classroom/Practicum:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Heavy Equipment Mechanics (B)	18 hrs.	18 hrs.
Civil Engineering (B)	18 hrs.	18 hrs.

INTERNSHIP: Students in all programs have a 2-month internship in their ministry or firm during summer vacations.

REPAIR AND MAINTENANCE OF EQUIPMENT: Included as a major component in all programs.

FACULTY QUALIFICATIONS: Faculty members must have a minimum of a Brevet de Technicien Supérieur (BTS) and 10 years of professional experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
BTS	-	-	8	-	8	-
Baccalauréat	-	-	2	-	2	-
Total	-	-	10	-	10	-

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
BTS	1	-	1	-	2	-

Facilities and Services

Classrooms	9 classrooms with a total of 200 places
Laboratories	1 soils analysis lab, 1 hydraulics lab, 1 electronics lab, and 6 workshops
Highway Equipment	14 heavy road maintenance vehicles, 9 light vehicles, 27 engines, and 25 tool-machines for practical training
Library	2,500 volumes
Housing	On-campus
Health Care	On-campus
Food Service	On-campus
Foreign Student Counselor	Available but unspecified

ADDITIONAL INFORMATION: Contact the Director of CERFER for additional information.

NAME OF INSTITUTION: ECOLE AFRICAINE ET MAURICIENNE
D'ARCHITECTURE ET D'URBANISME (EAMAU)

MAILING ADDRESS: B.P. 2067
Lomé, Togo

TELEPHONE: 21 C2 53

SUPERVISORY AUTHORITY: EAMAU is an inter-états school supervised by the Organisation Commune Africaine et Mauricienne (OCAM). Member states are: Benin, Burkina Faso, Central African Republic, Gabon, Ivory Coast, Niger, and Togo.

FUNDING SOURCE: Member states

DATE FOUNDED: 1975

TRAINING PROGRAM: Architecture and Urban Planning

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
<u>Architecture</u>	Diplôme d'Architecture et d'Urbaniste	Baccalauréat Series C, D, E, or F and entrance examination	5 years
Urban Planning	(Level Ingénieur de Conception)		

COURSE DESCRIPTION: There is a core studies program of 2 years common to both fields of study. This is followed by 3 years of specialization.

LANGUAGE: French

ACADEMIC YEAR: Begins in October

ADMISSION PROCEDURES: Applications should be sent to EAMAU's supervising ministry in the candidate's country (generally Ministère de l'Education) or to the Director of EAMAU before July 15. Entrance examinations are organized in each member state by the supervising ministry. Final selection of candidates is made by EAMAU. All applicants must have scholarships. If the candidate is from a non-member country, this amount must cover the operating cost per student.

FINANCIAL REQUIREMENTS: Lodging in Dormitory (on-campus): 2,000 F CFA/month
Food Service (on-campus): 7,000 F CFA/month
Transportation Fee: 2,000 F CFA/month
Operating Cost per Student: 3,400,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Lomé, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	TOTAL	
	Male	Female
Architecture	62	2
Urban Planning	25	-
Total	87	2

Graduates by Field of Study, 1984

FIELD OF STUDY	TOTAL	
	Male	Female
Architecture	12	1
Urban Planning	6	-
Total	18	1

Student Enrollment by Country of Origin

COUNTRY OF ORIGIN	1983-1984
Benin	19
Burkina Faso	16
CAR	7
Gabon	8
Ivory Coast	9
Niger	18
Togo	20
Total	97

CLASSROOM/PRACTICUM: During the 2-year core program, two-thirds of the course hours are devoted to classroom instruction and one-third to practical training. During the 3 years of specialization, one-third of the course hours are in classroom instruction and two-thirds in practical training.

INTERNSHIP: During each of the first 2 years, students intern for 1 month at work sites. During the next 3 years, students specializing in architecture spend 2 months with an architectural firm, and those in urban planning spend 2 months in public service. Students intern in their home countries during summer vacations.

FACULTY QUALIFICATIONS: Professor: Doctorat d'Etat, experience as Assistant Professor, and winner of professional competition; Assistant Professor: Diplôme d'Architecture or Diplôme d'Urbanisme and 5 years of experience or Doctorat en Urbanisme.

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	FULL-TIME		PART-TIME		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	4	-	22	1	26	1
Architecte/Urbaniste	5	-	-	-	5	-
Total	9	-	22	-	31	1

Facilities and Services

Classrooms	4 classrooms at the <u>Université du Bénin</u> and 2 classrooms at EAMAU
Laboratories	1 drafting room with 30 places
Library	800 volumes
Transportation	Free transportation from EAMAU to the <u>Université du Bénin</u> and downtown Lomé
Housing	
Food Service	The services are available through the <u>Centre National des Œuvres Universitaires (CNOU)</u> , <u>Université du Bénin</u>
Health Care	

OTHER SERVICES: Some services are available for students' families.

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Institut d'Urbanisme de l'Université de Paris VIII, France
 2. University of Science of Kumasi, Ghana
 3. Ecole d'Architecture de Marseille, France

ADDITIONAL INFORMATION: Contact the Office of the Director of EAMAU for additional information.

NAME OF INSTITUTION: INSTITUT DU BATIMENT ET DES TRAVAUX
PUBLICS (IBTP)

Section d'Architecture

MAILING ADDRESS: B.P. #4731
Kinshasa/Ngaliema, Zaire

TELEPHONE: 59620

SUPERVISORY AUTHORITY: Commissariat à l'Enseignement Supérieur, Government of the
Republic of Zaire

FUNDING SOURCE: Government of the Republic of Zaire; Administration
Générale de la Coopération au Développement (AGCD),
Belgium

DATE FOUNDED: 1965

TRAINING PROGRAM: Architecture

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Architecture	Diplôme d'Architecte	Diplôme d'Etat or equivalent and successful completion of a preparatory year	5 years

COURSE DESCRIPTION: The preparatory year is a remedial program designed to prepare students for the first year of studies. Students must receive a certificate of completion as a condition of admission to the first year of the program. The architecture program is organized in two cycles: the First Cycle is 3 years and the Second Cycle is 2 years. Students pass directly from the First into the Second. Students who leave after the First Cycle do not receive a diploma but may seek employment as crew leaders or foremen on building work sites.

LANGUAGE: French

ACADEMIC YEAR: Begins October 15

ADMISSION PROCEDURES: Applications should be sent to the Secrétaire Général Académique of IBTP before the end of August. Selection is made at IBTP by an ad hoc registration committee.

FINANCIAL REQUIREMENTS: Registration Fee: 22 Z/year
 Tuition: 1,000 Z/year
 Books and Materials: 5,000 Z/year
 Estimated Cost of Living in Kinshasa (includes housing and food): 5,000 Z/month

INSTITUTIONAL PROFILE: LOCATION: Ngaliema, Kinshasa, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Architecture	208	4	5	-	213	4

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Architecture	19	1	-	-	19	1

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
First Cycle	10 hrs.	20 hrs.
Second Cycle	5 hrs.	25 hrs.

INTERNSHIP: Students in the First Cycle spend 2 months on building work sites; those in the Second Cycle spend 3 months in architectural firms.

FACULTY QUALIFICATIONS: Professor: 4 years as Associate Professor and two publications; Associate Professor: Doctoral thesis and 6-month probationary period; Assistant: Licence with honors.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat	-	-	1	1	1	1
Architecte	2	-	2	-	4	-
Ingénieur	-	-	2	1	2	1
Maîtrise	1	-	-	1	1	1
Licence	10	1	4	3	14	4
Graduat	1	-	-	-	1	-
Total	14	1	9	6	23	7

Facilities and Services

Classrooms	5 classrooms of 50 places each
Laboratories	10 architectural studios of 25 places each
Library	1,000 volumes
Transportation	Public transportation convenient to campus
Health Care	On-campus
Foreign Student Counselor	Conducted by faculty and administration
Bookstore	On-campus

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur	-	-	-	1	-	1

OTHER SERVICES: Some IBTP services and facilities are available to students' families.

ADDITIONAL INFORMATION: Contact the Chef de la Section Architecture of IBTP for additional information.

NAME OF INSTITUTION: **INSTITUT DU BATIMENT ET DES TRAVAUX
PUBLICS (IBTP)**
Section Géomètres-Topographes

MAILING ADDRESS: B.P. 4731
Kinshasa/Ngaliema, Zaire

TELEPHONE: 59620

SUPERVISORY AUTHORITY: Commissariat à l'Enseignement Supérieur, Government of
the Republic of Zaire

FUNDING SOURCE: Government of the Republic of Zaire

DATE FOUNDED: 1961

TRAINING PROGRAM: Topographical Surveying

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Topographical Surveying (First Cycle)	Diplôme de Gradué Géomètre-Topographe (Level Graduat)	Diplôme d'Etat or equivalent and successful completion of a preparatory year	3 years
Topographical Surveying (Second Cycle)	Diplôme d'Ingénieur Géomètre-Topographe	Diplôme de Gradué or equivalent and at least 2 years of experience	2 years

COURSE DESCRIPTION: The preparatory year is a remedial program designed to prepare students for the first year of studies. Students must receive a certificate of completion as a condition of admission to the first year of the program. Students who have successfully completed the First Cycle must have 2 years of practical experience for admission into the Second Cycle.

LANGUAGE: French

ACADEMIC YEAR: Begins October 15

ADMISSION PROCEDURES: Applications should be sent to the Secrétaire Général Académique of IBTP before the end of August. Selection is made at IBTP by an ad hoc registration committee.

FINANCIAL REQUIREMENTS: Registration Fee: 22 Z/year
 Tuition: 1,000 Z/year
 Books and Materials: 5,000 Z/year
 Estimated Cost of Living in Kinshasa (includes housing and food): 5,000 Z/month

INSTITUTIONAL PROFILE: LOCATION: Ngaliema, Kinshasa, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Cycle	168	10	1	-	169	10
Second Cycle	17	-	-	-	17	-
Total	185	10	1	-	186	10

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
First Cycle	55	3	1	-	56	3
Second Cycle	4	-	-	-	4	-
Total	59	3	1	-	60	3

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982
Burundi	6	7	9

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
First Cycle	30 hrs.	6 hrs.
Second Cycle		
First Year	30 hrs.	6 hrs.
Second Year	18 hrs.	18 hrs.

INTERNSHIP Students in the First Cycle participate in a 3-month internship in a local company.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained to maintain surveying equipment. The use of specialists is required to repair special tools.

FACULTY QUALIFICATIONS: Professor: 4 years of experience as an Associate Professor and two publications; Associate Professor: Doctoral thesis and 6-month probationary period; Assistant: Licence with honors.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1	-	-	-	1	-
Doctorat 3 ^{ème} Cycle	2	-	-	-	2	-
Ingénieur	-	-	1	-	1	-
Licence	13	-	1	-	14	-
Total	16	-	2	-	18	-

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maîtrise/Ingénieur	2	-	-	-	2	-
Licence	1	-	-	-	1	-
Total	3	-	-	-	3	-

Facilities and Services

Classrooms	6 classrooms with a total of 215 places
Laboratories	6 labs, including chemistry, physics, hydrology, construction materials, soils mechanics, and hydrocarbon oils
Library	14,000 volumes
Transportation	Public transportation convenient to campus
Health Care	On-campus
Foreign Student Counselor	Conducted by faculty and administration
Bookstore	On-campus

OTHER SERVICES: Some IBTP services and facilities are available to students' families.

ADDITIONAL INFORMATION: Contact the Secrétaire Général Académique for additional information.

NAME OF INSTITUTION: **INSTITUT DU BATIMENT ET DES TRAVAUX
PUBLICS (IBTP)**
Section Travaux Publics

MAILING ADDRESS: B.P. 4731
Kinshasa/Ngaliema, Zaire

TELEPHONE: 59260

SUPERVISORY AUTHORITY: Commissariat à l'Enseignement Supérieur, Government of
the Republic of Zaire

FUNDING SOURCE: Government of the Republic of Zaire

DATE FOUNDED: 1961

TRAINING PROGRAM: Public Works

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Construction/ Buildings			
Construction/ Bridges	Diplôme d'Ingénieur	Diplôme d'Etat or equivalent	
Hydraulics and Environment	Technicien (Level Graduat)	and successful completion of a preparatory year	3 years
Public Works Supervisors			

COURSE DESCRIPTION: The preparatory year is a remedial program designed to prepare students for the first year of studies. During the first 2 years of the program, the options have many courses in common.

LANGUAGE: French

ACADEMIC YEAR: Begins October 15

ADMISSION PROCEDURES: Applications should be sent to the Secrétaire Général Académique of IBTP before the end of August. Selection is made at IBTP by an ad hoc registration committee.

FINANCIAL REQUIREMENTS: Registration Fee: 22 Z/year
 Tuition: 1,000 Z/year
 Books and Materials: 5,000 Z/year
 Cost of living in Kinshasa (includes housing and food):
 5,000 Z/month

INSTITUTIONAL PROFILE: LOCATION: Ngaliema, Kinshasa, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Program (1st and 2nd Years)	253	2	2	-	255	2
Buildings (3rd Year)	46	-	1	-	47	-
Bridges (3rd Year)	8	-	-	-	8	-
Hydraulics (3rd Year)	11	-	-	-	11	-
Supervisors (3rd Year)	37	-	-	-	39	-
Total	335	2	5	-	360	2

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Buildings	45	-	1	-	46	-
Bridges	8	-	-	-	8	-
Hydraulics	11	-	-	-	11	-
Supervisors	37	-	2	-	39	-
Total	101	-	3	-	104	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982
Burundi	4	5	6
Rwanda	5	6	4
Total	9	11	10

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
All Options	30-45 hrs.	6-9 hrs.

INTERNSHIP: The public works supervisors have a 3-month internship. All other options require a 2-month internship in a related enterprise.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained to repair and maintain equipment related to their area of specialization.

FACULTY QUALIFICATIONS: Professors: 4 years of experience as an Associate Professor and two publications; Associate Professor: doctoral thesis and a 6-month probationary period; Assistant: Licence with honors.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat	2	-	3	-	5	-
Doctorat 3ème Cycle	1	-	1	-	2	-
Ingénieur	5	-	1	-	6	-
Ingénieur Technicien	1	-	-	-	1	-
Total	9	-	5	-	14	-

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat	1	-	-	-	1	-
Licence	1	-	-	-	1	-
Total	2	-	-	-	2	-

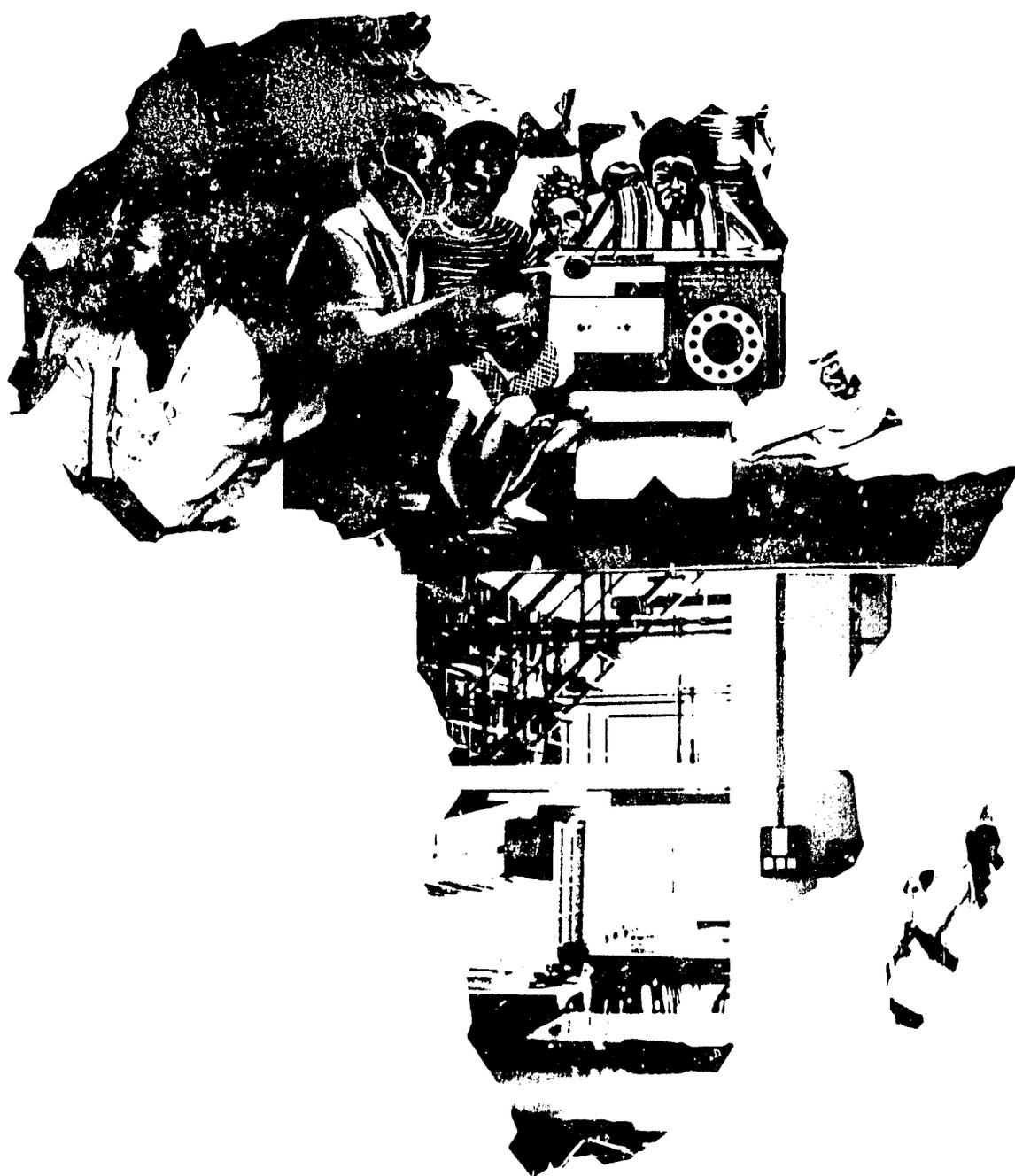
Facilities and Services

Classrooms	9 classrooms with a total of 360 places
Laboratories	6 labs, including chemistry, physics, hydrology, construction materials, soil mechanics, and hydrocarbon oils
Library	14,000 volumes
Transportation	Public transportation convenient to campus
Health Care	On-campus
Foreign Student Counselor	Conducted by faculty and administration
Bookstore	On-campus

OTHER SERVICES: Some IBTP services and facilities are available to students' families.

ADDITIONAL INFORMATION: Contact the Secrétaire Général Académique of IBTP for additional information.

RURAL DEVELOPMENT



NAME OF INSTITUTION: **CENTRE D'ETUDES ECONOMIQUES ET SOCIALES DE L'AFRIQUE DE L'OUEST (CESAO)**

MAILING ADDRESS: B.P. 305
Bobo-Dioulasso, Burkina Faso

TELEPHONE: 99-04-90
99-04-91

SUPERVISORY AUTHORITY: Centre d'Etudes et d'Expérimentations Economiques et Sociales de l'Afrique de l'Ouest, an international association with headquarters in Fribourg, Switzerland

FUNDING SOURCE: MISEREOR, in cooperation with the Federal Republic of Germany; Direction pour la Coopération au Développement et l'Aide Humanitaire de la Confédération Helvétique

DATE FOUNDED: 1960

TRAINING PROGRAM: Short-Term Training in Rural Development

COURSES	LENGTH	NO. OF SESSIONS	
		PER YEAR	DATES
Rural Community Organization	5 weeks		
Cooperatives	2-5 weeks	Varies according to demand	Available upon request
Women and Development	10 weeks		
Health Promotion	3 weeks		
Community Development	5 weeks		

COURSE DESCRIPTION: CESAO offers pre-packaged and tailor-made training sessions. The courses offered by CESAO are conducted at the request of various client organizations, including associations, rural cooperatives or groups, public service organizations, nongovernmental groups, and churches. Training may be conducted at CESAO or at the client's facilities, both within Burkina Faso and in other West African countries.

Examples of courses offered during 1985 are as follows:

The rural community organization program trains participants in the management of agricultural projects. Candidates should be development agents with 5 years of experience or hold an Agent Technique diploma with 1 year of experience. Content includes agricultural technology and farm management, establishing budgets, using credit, and measuring agricultural profit.

The women and development program is open to men and women responsible for family-related projects and women-in-development activities. Candidates should have at least 3 years of experience, have responsibility for a regional program, or be charged with implementing women's programs. Content includes analyzing family problems (income distribution, individual family member tasks and responsibilities), management of economic activities, and the role of the extension agent in community self-help activities.

The health promotion course includes a primary health care component open to nurses, midwives, and development agents involved in health training activities. The training addresses the issues of: (1) how to carry out a community awareness program prior to introducing health care, (2) how to deal with resistance to change, (3) maternal and child health, and (4) comparison of health training activities such as content, methods, duration, and followup.

The courses offered are of short duration and require active student participation. Group work, case studies, role playing, and field visits are all part of the training experience. Discussions about project analysis and implementation are often enhanced through the participation of the extension agent's clientele (i.e., villagers sent by their communities).

LANGUAGE: French

ACADEMIC YEAR: Course dates vary from year to year. Annual calendar is available from CESAO.

ADMISSION PROCEDURES: Candidates must be sponsored by a rural development organization. Applications should be sent to the Director of CESAO at least 2 months before the beginning of the selected course. As soon as applications are approved, CESAO sends a financial agreement to the sponsoring organization. This must be returned prior to the student's arrival.

FINANCIAL REQUIREMENTS: Registration Fee: 5,000 F CFA/session
 Tuition: 2,400 F CFA/day
 Lodging and Food Service (on-campus): 2,600 F CFA/day

INSTITUTIONAL PROFILE: LOCATION: Suburb of Bobo-Dioulasso, 320 kilometers from Ouagadougou

Student Enrollment and Graduates, 1983/1894

FIELDS OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
All courses	764	480	416	255	1,183	735

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983
Benin	5	9
Cape Verde	2	19
CAR	26	2
Chad	6	-
Comores	2	-
Djibouti	1	-
Gambia	3	-
Ghana	4	-
Guinea	2	-
Ivory Coast	19	6
Madagascar	1	2
Mali	124	17
Mauritania	2	-
Niger	1	-
Rwanda	5	2
Senegal	9	9
Togo	111	15
Zaire	2	-
Others	349	47
Total	674	128

11/30

Full-Time Faculty and Professional Staff by Diploma/Title*

DIPLOMA/TITLE	TOTAL	
	Male	Female
Doctorat 3ème Cycle	4	-
Licence	8	-
Extension Agents	15	3
Total	27	3

*Five of the 30 instructors are other African nationals and 5 are non-Africans.

Facilities and Services

Classrooms	10 classrooms and a conference room (number of places unspecified)
Laboratories	1 audiovisual lab
Library	9,000 volumes and 70 periodical subscriptions
Housing	44 single and 14 double rooms, bath available
Health Care	Infirmary on-campus (CESAO not responsible for health costs)
Food Service	On-campus

ADDITIONAL INFORMATION: Several 1985 brochures are available from the Director of CESAO.

NAME OF INSTITUTION: INSTITUT PANAFRICAIN POUR LE DEVELOPPEMENT,
REGION AFRIQUE DE L'OUEST SAHEL (IPD/AOS)

MAILING ADDRESS: IPD/AOS
B.P. 1756
Ouagadougou, Burkina Faso

TELEPHONE: 33-69-25

CABLE: PANINSTIT

TELEX: 5423uv

SUPERVISORY AUTHORITY: IPD is a private international training institution with headquarters in Douala, Cameroon. In Burkina Faso, IPD operates under the supervision of the Ministère de l'Agriculture et de l'Elevage

FUNDING SOURCE: Clients and international donors

DATE FOUNDED: 1977

TRAINING PROGRAM: Regional Planning

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Regional Planning and Development	Diplôme de Formation Supérieure en Planification Régionale et Développement	Baccalauréat or equivalent and 3 years of experience	3 years
Regional Planning and Land Management	Diplôme d'Etudes Supérieures Spécialisées en Planification Régionale et Aménagement	Maîtrise or Licence and 2 years of experience	2 years
Short-Term Courses	Certificate		2-6 months

COURSE DESCRIPTION: The 3-year course consists of eight learning modules: study of the environment, regional analysis, project design, regional planning, project implementation and evaluation, management of a public service, implementation training, and preparation and defense of an end-of-studies paper.

The 2-year program consists of three learning modules: regional development and planning, regional analysis, and regional planning and programming.

Short-term courses consist of the aforementioned learning modules (offered individually) as well as health care management and analysis of development projects. Tailormade training programs may be designed on demand.

LANGUAGE: French

ACADEMIC YEAR: Long-term programs begin in October; short-term courses vary.

ADMISSION PROCEDURES: Applications should be sent by the sponsoring organization to IPD before October.

FINANCIAL REQUIREMENTS: Tuition: 1,000,000 F CFA/year
Lodging in Dormitory (on-campus): 12,000 F CFA/year
Books and Materials: 60,000 F CFA/year

INSTITUTIONAL PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Program of Study, 1984

PROGRAM OF STUDY	TOTAL	
	Male	Female
Long-Term	51	-
Short-Term	100	-
Total	151	-

Rural Development/IPD/Burkina Faso

STUDENT ENROLLMENT BY COUNTRY OF ORIGIN: In the 1983-1984 academic year, students attended IPD from Benin, Burkina Faso, Ivory Coast, Mali, Niger, and Togo.

INTERNSHIP: Students in the long-term programs conduct practical field work throughout the training. The length of field work ranges from 1 week to 2 months.

Full-Time/Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	FULL-TIME		PART-TIME		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	4	-	-	-	4	-
Maîtrise	-	-	2	4	2	4
Total	4	-	2	4	6	4

Facilities and Services

Classrooms	4 classrooms of 25-30 places each and 1 classroom of 50 places
Laboratories	Audiovisual center with 150 places
Library	4,000 volumes
Housing	36 double rooms available on campus
Transportation	Available between campus and downtown Ouagadougou
Health Care	Small unit on campus
Food Service	On-campus

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. IPD has cooperative arrangements with 11 West African countries, both Francophone and Lusophone.
 2. United Nations Development Program (UNDP)
 3. Food and Agriculture Organization (FAO)
 4. World Health Organization (WHO)
 5. United Nations International Children's Education Fund (UNICEF)
 6. International Labor Organization (ILO)
 7. Comité Inter-Etats de la Lutte contre la Sécheresse au Sahel (CILSS)
 8. Communauté Economique de l'Afrique de l'Ouest (CEAO)

ADDITIONAL INFORMATION: A brochure is available from the Office of the Director, IPD/AOS.

GENERAL INFORMATION: IPD's main campus is in Douala, Cameroon (Central Africa). There are IPD branches located in Buea, Cameroon (West Africa/Anglophone); Kabwe, Zambia (East and Southern Africa); and Ouagadougou, Burkina Faso. The Bureau du Secrétariat in Geneva, Switzerland, serves as liaison between the institution and international organizations and European governments.

IPD
Bureau de Genève
3, rue de Varembe
Genève 20, Suisse

TELEPHONE: 33-60-16

TELEX: 27102 ipd ch

CABLE: PANINSTIT 1211

NAME OF INSTITUTION: **INSTITUT PANAFRICAIN POUR LE
DEVELOPPEMENT (IPD)**

MAILING ADDRESS: B.P. 4078
Douala, Cameroon

TELEPHONE: 42-37-70/42-30-68

TELEX: 6048 UN DOUALA

SUPERVISORY AUTHORITY: IPD is a private international training institution with headquarters in Douala. In Cameroon, IPD is recognized by the Ministère du Plan, Government of the Republic of Cameroon.

FUNDING SOURCE: Clients and various international donors

DATE FOUNDED: 1964

TRAINING PROGRAM: Training of Development Personnel

COURSES	LENGTH	NO. OF SESSIONS PER YEAR	DATES
Basic Training Units			
Study of the Environment	6 months		November
Project Design and Management	7 months		May
Specialized Training Units		one every 2 years	
Regional Development and Planning	7 months		December
Business and Cooperative Management	7 months		December
Training-of-Trainers	6 months		March
Seminars (short-term)	Vary	on demand	Vary

COURSE DESCRIPTION: IPD/Douala offers a 2-year program that consists of two basic training units and one of the three specialized training units. Upon completion of the 2-year program, students are awarded the diploma, Cadre Technique Moyen du Développement. Participants may attend any of the five individual training units for which certificates are awarded. IPD/Douala also organizes short-term seminars on

various topics, including regional development and planning, business management, community development, nutrition, health, and home economics.

LANGUAGE: French

ADMISSION PROCEDURES: For the 2-year program, applications should be sent to the Director of IPD in Douala before April. Applicants must have a Baccalauréat and pass an entrance examination administered in each country by IPD representatives. Final selection is made by the Director and the Council of Trainers at IPD/Douala.

FINANCIAL REQUIREMENTS: Tuition: 624,000-775,000 F CFA/training unit
Lodging and Food Service (on-campus): 55,000 F CFA/month
Books and Materials: 60,000 F CFA/training unit
Other Costs (insurance, travel, field trip allowance, support services): 325,000-495,000 F CFA/training unit

INSTITUTIONAL PROFILE: LOCATION: Douala, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Study of the Environment	8	2	41	6	49	8

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Business/Cooperatives Management	9	2	14	1	23	3
Regional Development/Planning	-	-	12	12	12	12
Total	9	2	26	13	35	15

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	2	3	3	5
Burkina Faso	5	8	6	12
Burundi	5	4	4	7
CAR	3	4	2	7
Chad	1	1	-	-
Comores	-	-	-	1
Congo	7	12	13	9
Djibouti	1	-	5	-
Egypt	-	-	-	1
Gabon	2	3	4	5
Ivory Coast	1	-	-	-
Madagascar	-	3	5	1
Mauritania	-	-	-	4
Niger	2		2	4
Rwanda	4	5	5	8
Senegal	4	7	4	-
Togo	5	2	3	8
Zaire	10	9	9	7
Total	52	61	65	79

CLASSROOM/PRACTICUM:

FIELD OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
All fields	20 hrs.	6 hrs.

INTERNSHIP: For the study of the environment training unit, students spend 1 month in internships in rural areas; for the project design and management training unit, students spend 2 months in government agencies in their country of origin; for the business and cooperatives management training unit, students spend 3 weeks in a private enterprise or cooperative; and for the regional development and planning training unit, there is a 3-week internship period, the nature of which was unspecified.

FACULTY QUALIFICATIONS: At the minimum, IPD instructors must hold a Licence and have 5 years of experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	-	-	3	-	3	-
Doctorat 3ème Cycle	2	-	8	-	10	-
Maîtrise	-	-	1	-	1	-
Licence	-	-	3	1	3	1
Total	2	-	15	1	17	1

Facilities and Services

Classrooms	4 classrooms of 50 places each
Laboratories	1 audiovisual lab with camera, opaque projector, slide and overhead projectors, and tape recorders
Library	A documentation center with 10,000 volumes, 150 reviews and periodicals, 3,700 student papers, and 1,100 brochures
Housing	120 beds in IPD dormitory and 40 rooms on-campus at the Centre Universitaire de Douala
Health Care	On-campus
Food Service	On-campus

- COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:
1. International Services for National Agricultural Research (ISNAR)
 2. Centre de Recherche sur le Développement International (CRDI), Douala, Cameroon
 3. Centre de Développement Auto-Centre (CEDAC), Goungmelina, Cameroon
 4. Association de Promotion des Initiatives Communautaires Autonomes (CAPICA), Cameroon

ADDITIONAL INFORMATION: Contact the Director of IPD/Douala for additional information.

GENERAL INFORMATION: IPD's main campus is in Douala, Cameroon (Central Africa). There are IPD branches located in Buea, Cameroon (West Africa/Anglophone); Kabwe, Zambia (East and Southern Africa) and Ouagadougou, Burkina Faso (West Africa and Sahel). The Bureau du Secrétariat in Geneva, Switzerland serves as liaison between the institution and international organizations and European governments.

IPD
Bureau de Genève
3, rue de Varembe
Genève 20, Suisse

TELEPHONE: 33-60-16

TELEX: 27102 ipd ch

CABLE: PANINSTIT

NAME OF INSTITUTION: CENTRE DE FORMATION DES CADRES DE
L'ALPHABETISATION (CFCA)

MAILING ADDRESS: B.P. 525
Niamey, Niger

SUPERVISORY AUTHORITY: Ministère de l'Education Nationale, Government of the
Republic of Niger

FUNDING SOURCE: United Nations Educational, Scientific and Cultural
Organization (UNESCO), Government of the Republic of Niger

DATE FOUNDED: 1977

TRAINING PROGRAM: Literacy

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS	LENGTH
Conseiller- Adjoint (Cycle A)	Diplôme d'Aptitude pour la Formation Permanente et l'Alphabétisation (DAFPA) (Civil Service Category B1)	BEPC or equivalent	3 years
Conseiller- Adjoint (Cycle B)	Certificat d'Aptitude pour la Formation Permanente et l'Alphabétisation (CAFPA) (Civil Service Category B1)	Civil Service Category C with 3 years of experience in literacy	1 year
Conseiller d'Alphabétisa- tion	Diplôme du CFCA (Civil Service Category A3)	Civil Service Category B with 3 years of experience in literacy or Baccalauréat and teaching or extension experience	2 years

COURSE DESCRIPTION: Throughout the program, students receive practical training alternating with classroom instruction. Students evaluate their own field experience, strengthen their group dynamics skills, and prepare course papers. CFCA encourages students to develop individual styles and approaches to literacy training and emphasizes the integration and adaptation of academic training to real-life situations.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications must be presented by the candidate's government. Candidates for the Conseiller-Adjoint level should send applications to the Ministère de l'Education Nationale, Niger, by September 1. Applications for the Conseiller level should be sent to the Ministère de l'Enseignement Supérieur, Niger, by April 1.

FINANCIAL REQUIREMENTS: Registration Fee: 5,000 F CFA
Lodging in Dormitory (on-campus): 12,000 F CFA/month
Books and Materials: 20,000-25,000 F CFA/year

Participants presently receive a UNESCO scholarship covering all expenses including an internship allowance of 39,000 F CFA/year. The amount of the scholarship was not specified.

INSTITUTIONAL PROFILE: LOCATION: Niamey, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Conseiller-Adjoint	15	6	-	-	15	6
Conseiller	3	-	8	4	11	4
Total	18	6	8	4	26	10

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Conseiller-Adjoint	21	6	-	-	21	6

INTERNSHIP: Students in the Conseiller-Adjoint program learn the functions of a literacy agent during 2 months of practical training in May and June of the first year. In the second year, students receive practical training in training-of-trainers (2 months) and in post-literacy and media techniques (2 months). In the third year, there are 3 months of training devoted to developing instructional materials and managing an intensive literacy center. Students in the Conseiller program have a 2-month internship with a development organization outside Niger and a 2-month internship in the field in Niger.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	1	-	-	-	1	-
Maîtrise	6	4	-	-	6	4
Licence	1	-	-	-	1	-
DUES, DUET, DUT	1	-	-	-	1	-
Baccalauréat	3	3	-	-	3	3
Translator	1	-	-	-	1	-
Total	13	7	-	-	13	7

Facilities and Services

Classrooms	2 classrooms of 30 places each
Laboratories	1 projection studio
Library	300 volumes
Housing	A foreign student dormitory is under construction
Foreign Student Counselor	Offered by faculty and administration

ADDITIONAL INFORMATION: A brochure is available from the Director, CFCA.

NAME OF INSTITUTION: **INSTITUT PRATIQUE DE DEVELOPPEMENT
RURAL (IPDR)**

MAILING ADDRESS: c/o Project Formation
Protection des Végétaux-
CILSS/INSAH/Pays-Bas
B.P. 12625
Niamey, Niger

TELEPHONE: 72-36-33

TELEX: UNPB 5449 NI

SUPERVISORY AUTHORITY: Ministère du Développement Rural, Government of the
Republic of Niger

FUNDING SOURCE: Comité Inter-Etats de la Lutte Contre la Sécheresse au Sahel (CILSS) (member states are Burkina Faso, Cape Verde, Chad, Gambia, Mali, Mauritania, Niger, and Senegal); World Bank; United Nations Development Program (UNDP); le Fonds Européen de Développement (FED); Fonds d'Aide et de Coopération (FAC), France; Administration Générale de la Coopération au Développement (AGCD), Belgium; U.S. Agency for International Development (USAID); Government of The Netherlands; Government of Canada

DATE FOUNDED: 1976

TRAINING PROGRAM: Rural Development

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Rural Development (Cycle Agent Technique)	Diplôme d'Agent Technique du Développement Rural	BEPC or Moniteurs, or Encadreurs and entrance examination	2 years
Rural Development (Cycle Technicien)	Diplôme de Technicien du Développement	Selection upon completion of Agent Technique Cycle or Agent Technique Professionnel and entrance examination	2 years

COURSE DESCRIPTION: IPDR offers training in the following: agriculture, water and forestry, rural engineering, cooperatives, and crop protection. It should be noted that crop protection, the only program open to non-Nigeriens, is offered only at the Technicien level.

IPDR emphasizes practical training. A characteristic of this program is the cellule pédagogique, in which students and instructors define the training objectives based on the individual student's needs.

LANGUAGE: French

ACADEMIC YEAR: September - April

ADMISSION PROCEDURES: Applications should be sent to the Sahel Institute, Bamako, Mali, by February. Each CILSS member state may nominate 5 candidates a year; of the total, 20 are selected by the Institut and the Commission des Bourses, Government of Niger.

INSTITUTIONAL

PROFILE: LOCATION: Kolo, 90 kms. from Niamey, rural area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Agent Technique (First Year)	75	26	-	-	75	26
Agent Technique (Second Year)	70	8	-	-	70	8
Technicien (Third Year)	83	3	7	1	90	4
Technicien (Fourth Year)	95	-	9	-	104	-
Total	323	37	16	1	339	38

Graduates by Level of Study, 1984

LEVEL OF STUDY	TOTAL	
	Male	Female
Agent Technique	82	-
Technicien	84	-
Total	166	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1984-1985	1983-1984	1982-1983
Burkina Faso	3	5	3
Chad	4	3	-
Gambia	2	-	4
Mali	4	3	3
Mauritania	5	-	1
Senegal	2	6	5
Total	20	17	16

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER YEAR	
	Classroom	Practicum
Agent Technique	586 hrs.	-
Technicien (Third year)	650 hrs.	-
Technicien (Fourth year)	325 hrs.	323 hrs.

INTERNSHIP: Each year students conduct field work for a minimum of 3 months.

REPAIR AND MAINTENANCE OF EQUIPMENT: IPDR students use nearby rural development project facilities to manufacture and repair tools and equipment.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur Agronome	1	-	22	2	23	2
Maîtrise	14	-	6	2	20	2
Others	11	2	-	-	11	2
Total	26	2	28	4	54	6

Facilities and Services

Classrooms	25 classrooms of 20-30 places each
Laboratories	6 labs, including crop protection, chemistry, and science
Library	3,000 volumes
Housing	Dormitories available for foreign students
Transportation	By bus to nearby towns
Health Care	Available through the medical center in Kolo
Food Service	Large dining hall on-campus
Foreign Student Counselor	Provided by faculty and administrative staff

OTHER SERVICES: Soccer, basketball, and other sports available. There is also a cinema.

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:

1. Food and Agriculture Organization (FAO)
2. Volontaires Hollandais
3. Volontaires Canadiens

ADDITIONAL INFORMATION: A brochure is available from the Director of IPDR.

GENERAL INFORMATION: Future plans include making the Institut a regional center at the Technicien level and admitting foreign students to all programs.

There are 36 FAO experts participating in this project; the total cost of commodities, scholarships, and technical assistance is estimated at U.S. \$25-30 million.

MISCELLANEOUS



NOTE

Unfortunately, certain institutions visited during the field survey were not included in this first edition due to a lack of information regarding their programs, their capability to accept foreign students, or their programs' relevance to USAID development activities. Those institutions will, however, be considered for inclusion in subsequent editions of the Directory.

The following institutions are included because they either relate directly to AID's sectoral activities or offer training in areas that complement development assistance programs. They have not been given code designations and are not included in the Table of Institutions by Sector.

NAME OF INSTITUTION: CENTRE DE FORMATION AUX TECHNIQUES DE L'INFORMATION (CFTI)

MAILING ADDRESS: B.P. 10701
Niamey, Niger

TELEPHONE: 72-26-19

SUPERVISORY
AUTHORITY: Government of the Republic of Niger

FUNDING SOURCE: Government of the Republic of Niger; Fonds d'Aide et de Coopération (FAC); Fonds Européen de Développement (FED); Agence de Coopération Culturelle et Technique (ACCT); Lutheran World Relief

DATE FOUNDED: 1977

TRAINING PROGRAM: Media/Information/Audiovisual Repair

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Technical			
Asst. Director Radio/TV	Diplôme	BEPC and professional examination	3 years
Asst. Sound/Video Operator			
Asst. Production Manager			
Technician			
Professional			
Program Director Radio/TV	Licence	Baccalauréat and professional experience and examination	3 years
Journalism			
Library Science			

COURSE DESCRIPTION: CFTI's training courses are designed to acquaint students with a variety of production, management, and technical job functions in the media. These include: Assistant Sound Technician--detects and makes minor repairs of sound equipment; composes sound effects; and installs, adjusts, and mixes sound; Video Technician--makes minor repairs of film and photography and video equipment; synchronizes audio and video; and classifies and stores tapes and films; Production Manager A/V--coordinates production needs with the technical capabilities of the station; Maintenance Technician for Radio/TV--repairs and maintains equipment; Producer/Director--conceives and produces material for screen/video and directs all stages of development; Production Manager--determines all personnel and materials needs; sets and manages production budgets and directs planning; Journalist/Announcer--collects, edits, and prepares news information for transmission or print; Press Attache--acts as spokesperson for management and organizes press conferences; and Documentation Specialist--prepares and manages documentation budget and stores, classifies, and uses documents.

CFTI also offers short-term courses in the above areas.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to the Director of CFTI by June. The Ministère de l'Information and the Commission Nationale d'Orientation process and select candidates. The Institute expects to receive foreign students in 1985.

FINANCIAL REQUIREMENTS: Costs were being studied by CFTI at the time of the study.

INSTITUTIONAL PROFILE: LOCATION: Niamey, suburban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL	
	Male	Female
Technical	20	3
Professional	26	3
Total	46	6

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL	
	Male	Female
Technical	51	3
Professional	40	3
Total	91	6

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Technical	12 hrs.	23 hrs.
Professional	20 hrs.	23 hrs.

INTERNSHIP: Students intern with GON media facilities in urban/rural areas. They are required to live in rural villages for short periods and to prepare and produce radio programs.

REPAIR AND MAINTENANCE OF EQUIPMENT: In the technical component, the students learn to repair and maintain equipment.

FACULTY QUALIFICATIONS: Conditions for holding a teaching position are proven professional experience.

Facilities and Services

Classrooms	3 classrooms of 20 places and 9 classrooms of 10 places each
Laboratories	Radio and television studios, maintenance and repair labs, and film and tape storage rooms
Library	1,000 volumes

- COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS:
1. Fonds d'Aide et de Coopération (FAC), France
 2. Agence de Coopération Culturelle et Technique (ACCT), France
 3. Lutheran World Relief Fund
 4. Fonds Européen de Développement (FED)

ADDITIONAL INFORMATION: Contact the Director of OFTI for additional information.

NAME OF INSTITUTION: CENTRE DE FORMATION ET DE
PERFECTIONNEMENT HOTELIER (CFPH)

MAILING ADDRESS: Hôtel le Béni.
B.P. 128
Lomé, Togo

TELEPHONE: 21-51-78

CABLE: Toghotel 5264 Lomé

SUPERVISORY AUTHORITY: Haute Commission au Tourisme, Ministère de la Formation
Professionnelle et de l'Enseignement Technique, Govern-
ment of the Republic of Togo

FUNDING SOURCE: Government of the Republic of Togo

DATE FOUNDED: 1978

TRAINING PROGRAM: Hotel Management/Food Preparation

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Restaurant			
Cooking	Brevet	BEPC and under age 30; good	
Reception	Professionnel	ability in French with basic	2 years
Housekeeping	Hôtelier	English and/or German	

LANGUAGE: French

ACADEMIC YEAR: Begins September 1

ADMISSION PROCEDURES: Applications should be sent to CFPH through the sending country's ministry of tourism before May 31. Applications should include student transcript and copy of diploma, resume, medical certificate and the intended field of study.

FINANCIAL REQUIREMENTS: Tuition: 200,000 F CFA/year (Cooking Course: 285,000 F CFA/year)
Lodging in Dormitory: 15,000 F CFA/month
Food: 30,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Lomé, urban area

Student Enrollment by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Restaurant	8	7	7	2	15	9
Cooking	10	2	5	1	15	3
Reception	12	3	7	2	19	5
Housekeeping	7	7	3	-	10	7
Total	37	19	22	5	59	24

Graduates by Field of Study

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Restaurant	11	4	7	2	18	6
Cooking	8	1	5	1	13	2
Reception	9	3	9	4	8	7
Housekeeping	10	5	-	2	10	7
Total	38	13	21	9	49	22

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	2	-	-	-
Cameroon	5	-	-	-
Congo	2	-	-	-
Mali	2	-	-	-
Niger	3	-	-	-
Ivory Coast	1	-	-	-
Gabon	1	-	-	-
Rwanda	1	-	-	-
Total	17	-	-	-

CLASSROOM/PRACTICUM: The training consists of 40% classroom activities and 60% practical training. Audiovisual equipment is used in some practical training situations.

INTERNSHIP: Students participate in 6 months of internship at an international hotel in Lomé.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students are trained in maintenance of appliances.

FACULTY QUALIFICATIONS: Faculty members have professional experience in managing hotels and/or high-quality restaurants plus teaching experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Maîtrise	1	-	-	-	1	-
CAP (cuisine)	2	-	-	-	2	-
BTH	2	-	-	-	4	-
BTS	1	1	-	-	2	1
Total	6	1	-	-	9	1

Facilities and Services

Classrooms	4 classrooms and a demonstration room for food preparation
Library	100 volumes
Housing	Off-campus
Health Care	Included in tuition

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS: Le Fonds Européen de Développement (FED) has provided
scholarships.

ADDITIONAL INFORMATION: Contact the Assistant Director, CFPH for additional
information.

NAME OF INSTITUTION: CENTRE INTERAFRICAIN D'ETUDES EN RADIO
RURALE DE OUAGADOUGOU (CIERRO)

MAILING ADDRESS: B.P. 385
Ouagadougou, Burkina Faso

TELEPHONE: 33-34-83

CABLE: CIERRO-5349 BF

SUPERVISORY AUTHORITY: Union des Radiodiffusions et Télévisions Nationales
d'Afrique (URTNA), Dakar, Sénégal

FUNDING SOURCE: Government of Burkina Faso

DATE FOUNDED: 1978

TRAINING PROGRAM: Rural Radio Communications

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Radio Producer	Diplôme de CIERRO (corresponds to DUEG level)	Baccalauréat Series A, B, C, or D and entrance examination	2 years
Technician		Baccalauréat Series C, D, or F and entrance examination	

LANGUAGE: French

ACADEMIC YEAR: November - June

ADMISSION PROCEDURES: Applications should be sent to the Ministère de la Fonction Publique et de l'Information, Ouagadougou by May. Entrance examinations are administered in June.

FINANCIAL Tuition: 40,000 F CFA/month
 REQUIREMENTS: Estimated Cost of Living in Ouagadougou (includes housing and food): 123,000 F CFA/month

INSTITUTIONAL
 PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Field of Study, 1984-1985

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Radio Producer	2	-	9	1	11	1
Technician	-	-	4	2	4	2
Total	2	-	13	3	15	3

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL	
	Male	Female
Radio Producer	30	4
Technician	24	1
Total	54	5

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982
Benin	4	-	3
Burkina Faso	5	-	5
Cameroon	1	-	1
Comores	1	-	-
Congo	2	-	2
Mali	3	-	2
Mauritania	1	-	2
Senegal	-	-	3
Togo	4	-	3
Total	21	-	21

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK*	
	Classroom	Practicum
Radio Producer	530 hrs.	300 hrs.
Technician	660 hrs.	300 hrs.

*First-year students take 220 hours of a basic program in addition to the class and field work hours shown above.

INTERNSHIP: First-year students in both fields spend 22 days in their home country preparing texts for broadcasts. Second-year students are acquainted with rural communities in Burkina Faso.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat						
3ème Cycle	1	-	1	-	1	-

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat						
3ème Cycle	2	-	2	-	4	-
Maîtrise	-	-	1	-	1	-
Total	2	-	3	-	5	-

Facilities and Services

Classrooms	2 classrooms of 25 places each
Laboratories	2 labs and studios
Library	650 volumes
Housing	Students are housed at Institut Pan Africain de Développement (IPD) dormitories
Transportation	3 buses transport students between IPD and CIERRO
Health Care	Provided by a private physician
Food Service	Students use IPD dining commons

OTHER SERVICES: A volley ball court is available to students.

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS: 1. Gesellschaft für Technische Zusammenarbeit (GTZ),
Federal Republic of Germany
2. Agence de Coopération Culturelle et Technique (ACCT),
France

ADDITIONAL INFORMATION: Contact the Director of CIERRO for additional information

GENERAL INFORMATION: All member countries recognize the diploma of CIERRO. Upon graduation, students are employed as producers and technicians in their home countries' public sectors.

NAME OF INSTITUTION: ECOLE AFRICAINE DE LA METEOROLOGIE ET DE L'AVIATION CIVILE (EAMAC)

MAILING ADDRESS: B.P. 746
Niamey, Niger

TELEPHONE: 72-24-71
72-36-61

SUPERVISORY AUTHORITY: Agence pour la Sécurité de la Navigation Aérienne en Afrique et à Madagascar (ASECNA)

FUNDING SOURCE: ASECNA member countries--Benin, Burkina Faso, Cameroon, CAR, Chad, Congo, Gabon, Ivory Coast, Madagascar, Mali, Mauritania, Niger, Senegal, and Togo. Students attend on scholarships from France, Permanent Inter-State Committee for Drought Control in the Sahel (CILSS), World Meteorological Organization (WMO), and International Civil Aviation Organization (ICAO).

DATE FOUNDED: 1963

TRAINING PROGRAM: Meteorology, Air Traffic Control, Telecommunications/
Signaling

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Air Traffic Control	Technicien Supérieur	Baccalauréat and entrance examination or professional examination	2 years
Meteorology	Ingénieur des Travaux	DUES or DUT and entrance examination	4 years

COURSE DESCRIPTION: The air traffic control program prepares students to supervise and provide support to airports and air transport companies. Students receive practical training in flight control, air communications, automatic telegraphic centers (CAT), radar, civil aviation, and fire and safety procedures. The program in meteorology trains students for positions in airport meteorological systems, maintenance of instruments, altitude measurements, and airport safety. In the telecommunications and signaling program, students learn to install, operate, and maintain electronic equipment and are trained in technical, scientific, and human aspects of flight communications.

EAMAC also offers specialized short-term training in flight control (20 courses) and telecommunications (18 courses). Sample programs are maintenance of electronic meteorological equipment, data processing, and fire and safety precautions.

LANGUAGE: French

ACADEMIC YEAR: October - June

ADMISSION PROCEDURES: Applications should be sent to EAMAC via the sending country's Département d'Aviation Civile by April 30. Applications should include a written request for admission, proof of citizenship, two medical certificates, and a copy of the Baccalauréat, DUES, or DUT. Entrance examinations are held May 17th and 18th and the professional examination is held May 19th. Final selection is made by the Director of EAMAC and the Director General of ASECNA.

FINANCIAL REQUIREMENTS: Total costs: 300,000 F CFA/year (ASECNA member countries)
600,000 F CFA/year (non-member countries)

INSTITUTIONAL PROFILE: LOCATION: Niamey, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Technicien Supérieur	8	-	91	1	99	1
Ingénieur des Travaux	2	-	17	-	19	-
Total	10	-	108	1	118	1

Graduates by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Technicien Supérieur	3	-	40	-	43	-
Ingénieur des Travaux	-	-	8	-	8	-
Total	3	-	48	-	51	-

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Benin	-	-	5	16
Burkina Faso	10	1	2	2
Cameroon	9	12	8	8
CAR	9	5	5	2
Chad	1	-	1	1
Congo	1	-	-	-
Gabon	1	-	4	1
Ivory Coast	3	-	1	1
Mali	1	6	7	2
Niger	13	7	11	4
Senegal	-	-	1	1
Togo	-	-	9	11
Total	48	26	54	49

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Technicien Supérieur	26-32 hrs.	14-16 hrs.
Ingénieur des Travaux	40 hrs.	14-16 hrs.

COMPUTER TRAINING: A data processing course is offered.

REPAIR AND MAINTENANCE OF EQUIPMENT: Included in telecommunications and signaling program.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat d'Etat	1	-	-	-	1	-
Doctorat 3ème Cycle	6	1	5	-	11	1
Maîtrise	2	-	-	-	2	-
DEUG/DUES/DUT	21	-	-	-	21	-
Total	30	1	5	-	35	1

Facilities and Services

Classrooms	15 large classrooms (number of places unspecified)
Laboratories	9 labs, including meteorology, air traffic control, telecommunications, and electronic equipment maintenance; 1 calculation center
Library	500 volumes
Housing	Students may reside in one of the two residences located near the campus
Health Care	Students are enrolled in a medical insurance program which reimburses part of medical and pharmaceutical costs
Foreign Student counselor	Conducted by faculty and administration

- COOPERATION WITH OTHER INSTITUTIONS/ ORGANIZATIONS:
1. Permanent Inter-State Committee for Drought Control (CILSS)
 2. World Meteorological Organization (WMO)
 3. International Civil Aviation Organization (ICAO)

ADDITIONAL INFORMATION: Contact the Director of EAMAC for additional information.

NAME OF INSTITUTION: ECOLE NORMALE D'ENSEIGNEMENT TECHNIQUE FEMININ (ENDTF)

MAILING ADDRESS: 1 Rue André Lebon
B.P. 3259
Dakar, Senegal

TELEPHONE: 21-69-16

SUPERVISORY AUTHORITY: Ministère du Développement Social, Government of the Republic of Senegal

FUNDING SOURCE: Government of the Republic of Senegal

DATE FOUNDED: 1963

TRAINING PROGRAM: Women in Development

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Home Economics	Certificat	BEPC, Brevet Elémentaire, DEFM,	
Agriculture/ Gardening	d'Aptitude à l'Enseignement	or Certificat d'Apprentissage Professionnel (CAP) in domestic	
4 years	de l'Economie	studies and entrance examination	
Sewing	Familiale (CAEEF)		
Catering			

COURSE DESCRIPTION: All students take a core program during the first and second years before specializing in one of the four options.

LANGUAGE: French

ACADEMIC YEAR: October - July

ADMISSION PROCEDURES: Applications should be sent to the Ministère du Développement Social, Government of Senegal by the end of June.

FINANCIAL REQUIREMENTS: Tuition: 1,000 F CFA/year (registration fee and insurance)
 Estimated Cost of Living in Dakar (includes housing and food): 40,000 F CFA/month
 Operating Costs: 163,000 F CFA/year/student

INSTITUTIONAL PROFILE: LOCATION: Dakar, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Core Program	-	25	-	9	-	34
Home Economics (Third Year)	-	12	-	-	-	12
Agriculture/Garden (Third Year)	-	10	-	2	-	12
Sewing (Fourth Year)	-	9	-	-	-	9
Agriculture/Garden (Fourth Year)	-	9	-	1	-	10
Home Economics (Fourth Year)	-	10	-	1	-	11
Total	-	75	-	13	-	88

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Home Economics	-	2	-	4	-	6

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983	1981-1982	1980-1981
Burkina Faso	3	2	2	2
Niger	10	-	-	-
Total	13	2	2	2

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Home Economics		
Sewing		4 hrs.
Cooking	Unknown	4 hrs.
Agriculture/ Gardening	Unknown	4 hrs.
Sewing	Unknown	18 hrs.

INTERNSHIP: Students in all fields of study receive practical training in mother-and-child health care, participate in a 3-4 week internship in a maternity ward or clinic, and receive 15 days of practical training in handicrafts. Students in the agriculture/gardening program receive 2 weeks of practical training in poultry farming and participate in a 1-month internship in a rural area.

REPAIR AND MAINTENANCE OF EQUIPMENT: Students in the sewing program study maintenance of sewing machines. Students in the home economics program study maintenance of household appliances.

FACULTY QUALIFICATIONS: Professor: Baccalauréat and 4 years of higher education, or CAEEF, 4 years of higher education, and 6 years of experience.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Ingénieur Agronome	2	-	-	-	2	-
Maîtrise	-	8	-	-	-	8
License	3	-	-	-	3	-
Total	5	8	-	-	5	8

Part-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
License	10	-	-	-	10	-

Facilities and Services

Classrooms	7 classrooms, 3 sewing workshops, 2 kitchens, and 1 infant care room
Laboratories	1 lab for biology, hygiene, and physical science
Library	Limited library facilities (number of volumes unspecified)

OTHER SERVICES: Housing, transportation, and health care for students from Burkina Faso are arranged by the Centre National des Oeuvres Universitaires, Université de Dakar. The Embassy of Niger makes similar arrangements for students from Niger.

ADDITIONAL INFORMATION:

Contact the Chef du Département Economie Familiale, Direction de la Condition Féminine, Ministère du Développement Social, Dakar, for additional information.

NAME OF INSTITUTION: **INSTITUT AFRICAIN D'EDUCATION
CINEMATOGRAPHIQUE (INAFEC)**

Université de Ouagadougou

MAILING ADDRESS: Université de Ouagadougou
B.P. 7021
Ouagadougou, Burkina Faso

TELEPHONE: 33-49-61

SUPERVISORY AUTHORITY: Ministère de l'Enseignement Supérieur, Government of
Burkina Faso

FUNDING SOURCE: Government of Burkina Faso; United Nations Education,
Scientific and Cultural Organization (UNESCO)

DATE FOUNDED: 1977

TRAINING PROGRAM: Audiovisual

FIELD OF STUDY	LEVEL	ENTRANCE REQUIREMENTS (Foreign)	LENGTH
Audiovisual	Diplôme des Etudes Universitaires Générales (DEUG)	Baccalauréat C or D or entrance examination and aptitude/	3 years
Animation/ Information	Licence	motivational examination	3 years
Film Directing			

COURSE DESCRIPTION: INAFEC programs are designed to prepare students for careers as village extension agents for projects in agriculture, health education, and family life and to collect and preserve film and video tape documentation of African life. The first-year core program includes communication, society and culture, English, publicity development campaigns, and science and technology. Specialization takes place in the second year when students elect one of the above options.

LANGUAGE: French

ACADEMIC YEAR: Mid-October - mid-June

ADMISSION PROCEDURES: Applications should be sent to the University by April. The entrance examination is conducted by the University on May 1 and the aptitude/motivational examination in October. Final selection is made in June by the Commission d'Orientation.

FINANCIAL REQUIREMENTS: Tuition (includes housing and food): 165,000 F CFA/year
Estimated Cost of Living in Ouagadougou (includes housing and food): 75,000 F CFA/month

INSTITUTIONAL PROFILE: LOCATION: Ouagadougou, urban area

Student Enrollment by Level of Study, 1984

LEVEL OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
DEUG	41	27	-	-	41	27
Licence	19	3	1	1	20	4
Total	60	30	1	1	61	31

Graduates by Field of Study, 1984

FIELD OF STUDY	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Licence	16	2	1	-	17	2

Foreign Student Enrollment

COUNTRY OF ORIGIN	1983-1984	1982-1983
Chad	-	2
Guinea	3	-
Ivory Coast	3	-
Mali	-	2
Niger	1	-
Togo	1	2
Total	7	6

CLASSROOM/PRACTICUM:

LEVEL OF STUDY	HOURS PER WEEK	
	Classroom	Practicum
Core Program	13 hrs.	11 hrs.
Animation/Information (Second Year)	12.5 hrs.	18 hrs.
Film Direction (Second Year)	11.5 hrs.	20 hrs.
Animation/Information (Third Year)	8 hrs.	11 hrs.
Film Direction (Third Year)	10 hrs.	11 hrs.

INTERNSHIP: Students spend a 1-month internship each year in television, radio, or cinema. All graduates are employed by their governments.

FACULTY QUALIFICATIONS: Experience in the field of television, radio, or cinema is the most important criterion for holding a position on the faculty.

Full-Time Faculty by Diploma/Degree

DIPLOMA/DEGREE	NATIONAL		FOREIGN		TOTAL	
	Male	Female	Male	Female	Male	Female
Doctorat 3ème Cycle	3	-	-	-	3	-
License	-	-	3	2	3	2
Total	3	-	3	2	6	2

Facilities and Services

Classrooms	3 classrooms of 35-45 places each: 1 classroom of 12 places and 1 classroom of 25 places
Laboratories	1 photography lab, 1 audio/visual lab, and a supply shop
Library	200 volumes
Housing	
Transportation	
Health Care	These services will be available when the <u>Cité Universitaire</u> opens in autumn 1985.
Food Service	

COOPERATION WITH OTHER INSTITUTIONS/
ORGANIZATIONS: United Nations Education, Scientific and Cultural Organization (UNESCO)

ADDITIONAL INFORMATION: Contact the Director of Studies for additional information.

Appendices



APPENDIX A

BIBLIOGRAPHY

BOOKS

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APPENDIX B

FIELD STUDY QUESTIONNAIRES

- I. Questionnaire for Academic Institutions
 - II. Questionnaire for Short-Term Training Programs and Institutions
 - III. Questionnaire for USAID Human Resource and Technical Officers
 - IV. Questionnaire for Other Donors
 - V. Questionnaire for Returned Participant Trainees
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Falls Church, le 18 Octobre 1984

La présente enquête est conduite par la compagnie Jeffalyn Johnson & Associates, Inc. de Falls Church, Virginia en réponse à une requête de l'Agence pour le Développement International des Etats Unis d'Amerique (USAID). Le but de l'enquête est d'identifier les institutions académiques et les programmes de formation susceptibles d'accueillir des boursiers en provenance de pays d'Afrique d'expression française auprès des établissements organisant des formations dans les domaines de l'agriculture, de la gestion et du management, de la santé, de l'aménagement du territoire, de l'énergie, et dans le domaine des transports et communications.

La firme JJ&A prie instamment les établissements qui désirent recevoir des étudiants en provenance des pays d'Afrique d'expression française, détenteurs d'une bourse de l'USAID, de bien vouloir fournir les informations demandées dans le questionnaire ci-après, soit en faisant parvenir le questionnaire dûment rempli à l'adresse suivante:

Jeffalyn Johnson & Associates
Attention of Ms. Susan Richiedei
One Skyline Place, Suite 907
5205 Leesburg Pike
Falls Church, Virginia 22041

soit en recevant l'équipe JJ&A de passage dans votre pays et qui vous aura contacté pour organiser une interview sur la base de ce questionnaire.

Les établissements qui auront participé à l'enquête figureront dans un répertoire destiné aux différentes missions USAID des pays africains francophones ainsi qu'à toute organisation nationale et internationale intéressée dans la formation des cadres africains et dans le placement de boursiers.

INSTITUTIONS (BY SECTOR) PROVIDING THE STUDY
TEAM WITH A BROCHURE AND/OR A CATALOG

Agriculture

1. Ecole Forestière du Banco (Ivory Coast)
2. Ecole Nationale Supérieure Agronomique d'Abidjan (Ivory Coast)
3. Institut Agricole de Bouaké (Ivory Coast)
4. Centre Régional de Formation et d'Application en Agrométéorologie et Hydrologie (Niger)
5. Institut Supérieur Polytechnique, Université de Ouagadougou (Burkina Faso)
6. Faculté d'Agronomie, Université de Niamey (Niger)
7. Centre Régional de Formation Phytosanitaire de Yaoundé (Cameroon)
8. Centre de Recherche et d'Elevage d'Avetonou (Togo)

Health

1. Centre Universitaire de Formation en Entomologie Médicale et Vétérinaire (Ivory Coast)
2. Ecole de Pharmacie, Université d'Abidjan (Ivory Coast)
3. Faculté des Sciences de la Santé, Université de Niamey (Niger)

Industry, Commerce, and Science

1. Ecole Nationale d'Ingénieurs de Spécialités (Ivory Coast)
2. Institut de Technologie Industrielle (Ivory Coast)
3. Faculté des Sciences, Université d'Abidjan (Ivory Coast)
4. Institut National de Préparation Professionnelle (Zaire)

Management

1. Ecole Supérieure des Sciences et Techniques de l'Information (Cameroon)
2. Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (Ivory Coast)
3. Ecole Supérieure de Commerce d'Abidjan (Ivory Coast)
4. Institut Supérieur de Comptabilité (Ivory Coast)
5. Institut Supérieur d'Informatique (Ivory Coast)
6. Institut de Technologie Tertiaire (Ivory Coast)
7. Centre d'Etudes des Sciences et Techniques de l'Information (Senegal)
8. Institut Africain de Développement Economique et de Planification des Nations Unies (Senegal)
9. Institut de Formation et de Recherches Démographiques (Cameroon)
10. Centre Ivoirien de Recherche Economique et Sociale, Université d'Abidjan (Ivory Coast)

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11. Faculté des Sciences Economiques, Université d'Abidjan (Ivory Coast)
 12. Centre Africain et Mauricien de Perfectionnement des Cadres (Ivory Coast)
 13. Centre Ivoirien de Gestion des Entreprises (Ivory Coast)
 14. Institut de Productivité et de Gestion Prévisionnelle (Mali)
 15. Centre de Perfectionnement en Administration (Zaire)

Public Works

1. Ecole Inter-Etats d'Ingénieurs de l'Equipement Rural (Burkina Faso)
2. Ecole Nationale Supérieure des Travaux Publics (Cameroon)
3. Ecole Nationale d'Ingénieurs des Techniques (Ivory Coast)
4. Ecole Nationale Supérieure d'Ingénieurs (Ivory Coast)
5. Ecole Nationale de Techniciens Supérieurs (Ivory Coast)
6. Ecole Nationale d'Ingénieurs (Mali)
7. Ecole Polytechnique de Thiès (Senegal)
8. Ecole Africaine et Mauricienne d'Architecture et d'Urbanisme (Togo)

Rural Development

1. Centre de Formation des Cadres de l'Alphabétisation (Niger)
2. Institut Pratique de Développement Rural (Niger)
3. Centre d'Etudes Economiques et Sociales de l'Afrique de l'Ouest (Burkina Faso)
4. Institut Panafricain pour le Développement, Région Afrique de l'Ouest Sahel (Burkina Faso)
5. Institut Panafricain pour le Développement (Cameroon)

I. QUESTIONNAIRE A L'USAGE DES INSTITUTIONS ACADEMIQUES ET DE FORMATION DANS LES
PAYS AFRICAINS D'EXPRESSION FRANCAISE

lère Partie: 1'Institution

1.1. Nom de l'institution:

1.2. Date de création de l'institution:

1.3. Adresse complète:

Rue et no:

Boîte Postale:

Localité:

Téléphone:

Télex:

1.4. Succursale (s'il y a lieu)

Rue et No:

Boîte postale

Localité:

Téléphone:

Télex:

1.5. Indiquez si ces localités sont en: (cochez une des 3 catégories)

A. ZONE URBAINE (ville ayant une population de 100.000 habitants ou plus)

B. BANLIEUE (unité administrative distincte située dans la
périphérie de la ville et ayant une population de 50.000
habitants ou plus)

C. ZONE RURALE (une petite ville éloignée de tout grand centre urbain
et ayant une population inférieure à 50.000 habitants)

1.6. Indiquez le type de pouvoir organisateur: (Cocher les catégories
pertinentes ci-après)

A. A CARACTERE PUBLIC (Gouvernement national/régional/ provincial/ local)

B. A CARACTERE PRIVE

C. INTERNATIONAL (Citez l'organisation: Organisation des Nations Unies, Organisation Mondiale de la Santé, FAO etc...S'il s'agit d'une école Inter-Etats donnez les états participants)

D. LAIQUE

E. RELIGIEUX (citez l'église, la congrégation religieuse, etc;)

F. AUTRES (précisez)

1.7. Indiquez si l'établissement est agréé ou certifié:

A. Oui

Si oui, précisez par quelle autorité:

B. Non

1.8. L'établissement dispose-t-il d'un catalogue où d'une brochure présentant les programmes de formation offerts et les conditions d'admission, de fréquentation et de fonctionnement:

A. Oui

B. Non

2ème Parties: Programme de formation

2.1. Titre du programme de formation:

2.2. Indiquez les différentes options à l'intérieur du programme (ou les divers programmes de formation offerts) et la durée du programme pour chacun d'eux. Si le programme est organisé plusieurs fois par an, indiquez combien de fois ainsi que la ou les date(s) de début de stage

Programme/Option	Durée du programme	Nombre de sessions/an	Dates de début des stages
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2.3. Indiquez le type de certificat délivré en fin de stage pour les différentes options:

Programme/Option	Certificat

2.4. Quel est le nombre de stagiaires actuellement inscrits dans chaque option:

A. A temps plein

OPTION/PROGRAMME	INSCRITS					
	Nationaux			Etrangers		
	M	F	T	M	F	T

B. Etudiants à temps partiel

OPTION/PROGRAMME	INSCRITS					
	Nationaux			Etrangers		
	M	F	T	M	F	T

2.5 Indiquez le nombre de stagiaires ayant reçu un certificat d'accomplissement du stage, par sexe et option en 1984:

OPTION/PROGRAMME	DIPLOMÉS EN 84					
	Nationaux			Etrangers		
	M	F	T	M	F	T

2.6. Indiquez quels sont les principaux candidats aux programmes de stage:

- A. EMPLOYES AU SEIN DE L'INSTITUTION
- B. EMPLOYES AU SEIN DE L'INSTITUTION AINSI QUE CEUX D'AUTRES SECTEURS/AFFILIES
- C. OUVERT A TOUS LES CANDIDATS
- D. AUTRES (Précisez)

2.7. Indiquez la langue d'enseignement:

- FRANCAIS
 - ARABE MODERNE
 - ANGLAIS
 - AUTRES (Précisez)
-
-

2.8. Indiquez la moyenne d'heures hebdomadaires consacrées aux stagiaires en salle de classe, dans les laboratoires, travaux pratiques, etc.

OPTION/PROGRAMME	NOMBRE D'HEURES/SEMAINE		Total
	Classe	Laboratoire/Travaux Prat.	

2.9. Indiquez si le programme comprend des stages pratiques:

A. Oui

B. Non

Si oui, spécifiez le type de stage et la durée pour chaque option:

2.10. Indiquez, si approprié, si les étudiants acquièrent une connaissance de l'entretien, ainsi que de la réparation de l'équipement technique:

A. Oui

B. Non

2.11. Veuillez indiquer le nombre de directeurs de stage/instructeurs dans le tableau suivant;

Titre académique, niveau d'études	Temps Plein		Temps Partiel		M	Total	
	M	F	M	F		F	T
Doctorat d'Etat ou équivalent							
Doctorat 3ème Cycle/ Ingénieur de Conception							
Maîtrise/Ingénieur d'Application							
Licence/Ingénieur des Travaux							
DEUG/DUES/DUT (2 années d'études univ.)							
Baccalauréat ou niveau Baccalauréat							
Expérience pratique ayant trait au stage							
Autres (Précisez)							

2.12. Veuillez indiquer si la majorité des directeurs de stage/instructeurs sont:

- A. DIRECTEURS AU SEIN DE L'ORGANISATION/AGENCE
- B. FONCTIONNAIRES ACCREDITES DANS L'ORGANISATION/AGENCE
- C. PERSONNEL D'AUTRES ORGANISATIONS/AGENCES
- D. CONSULTANTS/DIRECTEURS DE STAGE SOUS CONTRAT NE FAISANT PAS PARTIE DE L'ORGANISATION/AGENCE
- E. AUTRES (PRECISEZ)

2.13. Veuillez indiquer les conditions d'admission pour les différents programmes/options:

OPTION/PROGRAMME	CONDITIONS D'ADMISSION	
	Etudes	Expérience

2.14. Veuillez indiquer les dates limites de réception des demandes d'admission pour chaque programme/option:

OPTION	DATES LIMITES

2.15 Indiquez auprès de quelle instance les demandes d'admission doivent être introduites:

2.16 Indiquez quelle est l'instance qui procède à la sélection des candidats?

2.17 Les demandes d'admission sont-elles prises en considération toute l'année?

- A. Oui
 - B. Non
- Si non, précisez la période:

2.18. Indiquez le titre de la personne à contacter pour obtenir des informations complémentaires:

2.19. Indiquez si les étudiants sont initiés à l'usage des ordinateurs:

A. Oui

B. Non

2.20. Décrivez succinctement les installations et l'équipement pédagogique dont votre institution dispose:

A. Salles de classe: (nombre de places)

B. Laboratoires:

C. Bibliothèque: (nombre de volumes)

2.21. Indiquez si votre institution a des arrangements de coopération avec d'autres organismes nationales ou internationales:

A. Oui

B. Non

Si oui, donnez le nom de ces organismes:

3ème Partie: Politiques, procédures et services pour les étudiants étrangers

3.1. Acceptez-vous des étudiants étrangers?

A. Oui

B. Non

Si oui, avez-vous des quotas et éventuellement quels sont-ils?

3.2. Si non, seriez-vous en mesure d'en accepter dans l'avenir?

A. Oui

B. Non

3.3. Quelle est la date limite pour le dépôt des candidatures?

3.4. Y a-t-il des conditions d'admission spéciales pour les étudiants étrangers? (voir questions 2.14 a 2.16)

A. Non

B. Oui

Si oui, lesquelles

3.5. Reconnaissez-vous l'équivalence entre les diplômes de fin d'études secondaires de tous les pays francophones d'Afrique (Baccalauréat et Diplômes d'Etat)?

A. Oui

B. Non

Si non, citez les pays pour lesquels les diplômes ne sont pas reconnus équivalents à ceux de votre pays:

3.6. Les diplômes délivrés par votre établissement sont-ils accrédités auprès du Conseil Africain et Mauricien de l'Enseignement Supérieur (CAMES)?

A. Oui

B. Non

3.7. Disposez-vous d'un centre d'accueil pour les étudiants étrangers?

A. Oui.

B. Non

Si oui, pouvez-vous fournir l'adresse de ce centre et le titre de la personne responsable:

3.8. Veuillez indiquer si les services extra-scolaires mentionnés ci-dessous sont à la disposition des étudiants étrangers:

- A. LOGEMENT - sur le campus
en ville
- B. RESTAURANT
- C. TRANSPORT entre le campus et la ville
- D. SERVICE DE SANTE (Infirmierie)
- E. CONSEILLER POUR LES ETUDIANTS ETRANGERS
- F. LIBRAIRIE
- E. AUTRES

3.9. Ces services sont-ils également accessibles à la famille des étudiants étrangers?

- A. Oui
 - B. Non
- Précisez

3.10. Pouvez-vous fournir une statistique du nombre des étudiants étrangers fréquentant votre institution, par pays, au cours des 5 dernières années:

PAYS	84-85	83-84	82-83	81-82	80-81
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3.11. Combien avez-vous reçu de demandes d'admission d'étudiants étrangers (1) durant les 3 dernières années et combien ont été acceptées (2):

Programmes d'études	1985		1984		1983		1982	
	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)

3.12. Offrez-vous des bourses d'études à des étudiants étrangers:

A. Oui

B. Non

Si oui, combien et pour quels programmes d'études?

3.13. Y a-t-il dans votre établissement des étrangers inscrits à leurs propres frais? Et combien?

4ème Partie: Frais d'éducation

4.1. Quels sont les frais d'inscription et frais obligatoires?

4.2. Quel est le coût moyen mensuel en devises locales pour:

A. le logement

B. la nourriture

C. autres (précisez)

4.3. Quel est le coût annuel moyen en devises locales pour les livres et autre matériel requis par le programme?

4.4. Donnez une estimation du coût de la vie par mois par étudiant (en devises locales)

NOM DE LA PERSONNE QUI A REPONDU AU QUESTIONNAIRE:

TITRE:

ADRESSE:

TELEPHONE:

II. QUESTIONNAIRE A L'USAGE DES PROGRAMMES TECHNIQUES DE STAGE DANS LES PAYS
AFRICAINS D'EXPRESSION FRANCAISE

lère Partie: l'Institution

1.1. Nom de l'institution:

1.2. Date de création de l'institution:

1.3. Adresse complète:

Rue et no:

Boîte Postale:

Localité:

Téléphone:

Télex:

1.4. Succursale (s'il y a lieu)

Rue et No:

Boîte postale

Localité:

Téléphone:

Télex:

1.5. Indiquez si ces localités sont en: (Cochez une des 3 catégories)

A. Zone Urbaine (ville ayant une population de 100,000 habitants ou plus)

B. Banlieue (unité administrative distincte située dans la périphérie
de la ville et ayant une population de 50,000 habitants ou
plus)

C. Zone Rurale (une petite ville éloignée de tout grand centre urbain
et ayant une population inférieure à 50,000 habitants)

1.6. Indiquez le type de pouvoir organisateur: (Cochez les catégories
pertinentes, ci-après)

A. A Caractère public (Gouvernement national/régional/provincial/ local)

B. A Caractère privé

C. International (Citez l'organisation: Organisation des Nations Unies, Organisation Mondiale de la Santé, FAO etc...S'il s'agit d'une école Inter-Etats donnez les états participants)

D. Laïque

E. Religieux (citez l'église, la congrégation religieuse, etc.)

F. Autres (précisez)

1.7. Indiquez si l'établissement est agréé ou certifié:

A. Oui

Si oui, précisez par quelle autorité:

B. Non

1.8. L'établissement dispose-t-il d'un catalogue ou d'une brochure présentant les programmes de formation offerts et les conditions d'admission, de fréquentation et de fonctionnement:

A. Oui

B. Non

2ème Partie: Programme de cours/Domaine de formation

2.1. Titre du programme de cours/domaine de formation:

2.2. Indiquez les différentes options/spécialités proposées à l'intérieur du programme:

2.3. Indiquez les diplômes et/ou certificats délivrés en fin d'études pour les différentes options/spécialités du programme, ainsi que la durée des études:

OPTIONS	DIPLOMES	CONDITIONS D'ADMISSION	DUREE DES ETUDES

2.4. Quel est le nombre d'étudiants actuellement inscrits par option/spécialité et par sexe:

A. Etudiants à temps plein:

OPTION/SPECIALITE	INSCRITS					
	Nationaux			Etrangers		
	M	F	T	M	F	T

B. Etudiants à temps partiel:

OPTION/SPECIALITE	INSCRITS					
	Nationaux			Etrangers		
	M	F	T	M	F	T

2.5. Indiquez le nombre de diplômés, par sexe et option, en 1985:

OPTION/SPECIALITE	DIPLOMES en '85					
	Nationaux			Etrangers		
	M	F	T	M	F	T

2.6. Indiquez la langue d'enseignement:

- FRANCAIS
- ARABE MODERNE
- ANGLAIS
- AUTRES (précisez)

2.7. Indiquez la moyenne d'heures hebdomadaires consacrées, par étudiant, en classe, dans les laboratoires, travaux pratiques, etc. pour les différentes options:

OPTION	NOMBRE HEURES/SEMAINE		
	Classe	Laboratoire/Travaux Pratiques	Total

2.8. Indiquez si le programme comprend des stages pratiques:

A. Non

B. Oui

Si oui, spécifiez le type de stage et la durée pour chaque option:

2.9. Indiquez, si approprié, si les étudiants acquièrent une connaissance de l'entretien, ainsi que de la réparation de l'équipement technique:

A. Oui

B. Non

2.10. Indiquez les conditions de diplôme et d'expérience exigées pour assumer un poste d'enseignant dans l'établissement:

POSITION*	CONDITIONS
Professeur Diplômes Expérience	
Professeur Associé Diplômes Expérience	
Assistant Diplômes Expérience	

2.11. Indiquez le nombre d'enseignants, dans le tableau suivant:

A. Temps plein

Titre	Nationaux			Etrangers			Total		
	M	F	T	M	F	T	M	F	T
Doctorat d'Etat ou équivalent									
Doctorat 3ème Cycle ou équiv.									
Ingénieur Agronome									
Maîtrise ou équivalent									
Licence ou équivalent									
DUES/DUEL/DUT/BTS									
Baccalauréat ou niveau Baccalauréat									

B. Temps partiel

Titre	Nationaux			Etrangers			Total		
	M	F	T	M	F	T	M	F	T
Doctorat d'Etat ou équivalent									
Doctorat 3ème cycle ou équiv.									
Ingénieur Agronome									
Maîtrise ou équivalent									
Licence ou équivalent									
DUES/DUEL/DUT/BTS									
Baccalauréat ou niveau									
Baccalauréat									

2.12. Rapport Elèves/Enseignants:

2.13. Indiquez la ou les date(s), de début des différents cycles d'études par option:

OPTION	DATES

2.14. Indiquez les conditions d'admission des étudiants (cochez toutes les catégories pertinentes):

A. ETUDES SECONDAIRES NON-COMPLETEES

B. DIPLOMES D'ETUDES SECONDAIRES COMPLETEES

C. DEUX ANNEES D'ETUDES POST-SECONDAIRES: (Précisez):

D. REUSSIR UN EXAMEN D'ENTREE:

E. SE PRESENTER A UNE INTERVIEW

F. AUTRES (Précisez):

2.15. Indiquez auprès de quelle instance les demandes d'admission doivent être introduites:

2.16. Indiquez l'instance qui procède à la sélection des candidats:

2.17. Indiquez la date limite pour l'introduction des demandes d'admission:

A. LA DATE LIMITE POUR LES DEMANDES D'ADMISSION EST:

B. LES DEMANDES SONT PRISES EN CONSIDERATION TOUTE L'ANNEE

B.1 Oui

B.2 Non

Si non, précisez la période:

2.18. Indiquez le titre de la personne à contacter pour obtenir des informations complémentaires:

2.19. Indiquez si les étudiants sont initiés à l'usage des ordinateurs:

A. Oui

B. Non

2.20. Décrivez succinctement les installations et l'équipement pédagogique dont l'école, l'institut ou la Faculté dispose:

A. Salles de classe: (nombre de places)

B. Laboratoires:

C. Bibliothèque: (nombre de volumes)

2.21. Indiquez si le programme (Ecole/Faculté) a des arrangements de coopération avec d'autres organisations nationales, des organismes internationales, ou avec des universités étrangères.

A. Oui

B. Non

Si oui, donnez le nom de ces organismes:

3ème Partie: Politiques, procédures et services pour les étudiants étrangers

3.1. Acceptez-vous des étudiants étrangers?

A. Oui

B. Non

Si oui, avez vous des quotas et éventuellement quels sont-ils?

3.2. Si non, seriez-vous en mesure d'en accepter dans l'avenir?

A. Oui

B. Non

3.3. Quelle est la date limite pour le dépôt des candidatures?

3.4. Y a-t-il des conditions d'admission spéciales pour les étudiants étrangers? (voir questions 2.14 a 2.15)

A. Non

B. Oui
Si oui, lesquelles

3.5. Reconnaissiez-vous l'équivalence entre les diplômes de fin d'études secondaires de tous les pays francophones d'Afrique (Baccalauréat et Diplômes d'Etat)?

A. Oui

B. Non

Si non, citez les pays pour lesquels les diplômes ne sont pas reconnus équivalents à ceux de votre pays:

3.6. Les diplômes délivrés par votre établissement sont-ils accrédités auprès du Conseil Africain et Mauricien de l'Enseignement Supérieur (CAMES)?

A. Oui

B. Non

3.7. Disposez-vous d'un centre d'accueil pour les étudiants étrangers?

A. Oui

B. Non

Si oui, pouvez-vous fournir l'adresse de ce centre et le titre de la personne responsable:

3.8. Veuillez indiquer si les services extra-scolaires mentionnés ci-dessous sont à la disposition des étudiants étrangers:

A. LOGEMENT - sur le campus
 en ville

B. RESTAURANT

C. TRANSPORT entre le campus et la ville

- D. SERVICE DE SANTE (Infirmierie)
- E. CONSEILLER POUR LES ETUDIANTS ETRANGERS
- F. LIBRAIRIE
- E. AUTRES

3.9. Ces services sont-ils également accessibles à la famille des étudiants étrangers?

- A. Oui
 - B. Non
- Précisez:

3.10. Pouvez-vous fournir une statistique du nombre des étudiants étrangers fréquentant votre institution, par pays, au cours des 5 dernières années:

PAYS	84-85	83-84	82-83	81-82	80-81
------	-------	-------	-------	-------	-------

3.11. Combien avez-vous reçu de demandes d'admission d'étudiants étrangers (1) durant les 3 dernières années et combien ont été acceptées (2):

	1985		1984		1983		1982	
Programmes d'études	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)

3.12. Offrez-vous des bourses d'études à des étudiants étrangers:

- A. Oui
 - B. Non
- Si oui, combien et pour quels programmes d'études?

Handwritten mark

3.13. Y a-t-il dans votre établissement des étrangers inscrits a leurs propres frais? Et combien?

4ème Partie: Frais d'éducation

4.1. Quels sont les frais d'inscription et frais obligatoires?

4.2. Quel est le coût moyen mensuel en devises locales pour:

A. le logement

B. la nourriture

C. autres (précisez)

4.3. Quel est le coût annuel moyen en devises locales pour les livres et autre matériel requis par le programme?

4.4. Donnez une estimation du coût de la vie par mois et par étudiant (en devises locales)

NOM DE LA PERSONNE QUI A REPONDU AU QUESTIONNAIRE:

TITRE:

ADRESSE:

TELEPHONE:

III. QUESTIONNAIRE FOR USAID HUMAN RESOURCES AND TECHNICAL OFFICERS

Name:

Date:

Mission:

A. Francophone Training and Educational Institutions

1. Identify third country training institutions where USAID trainees have been sponsored by your mission:

2. Identify institutions in-country where USAID trainees from other Francophone countries have been sent:

3. What is your perception of the quality of the training and education provided by these institutions and the relevance of the programs to the students' professional needs and the sending countries' manpower needs?

4. What problems have you encountered concerning recognition of third country degrees by sending countries upon students' return? What third country diplomas/degrees have not been recognized by the sending country? Is the source of the problem a question of equivalence and accreditation or the regulations of the Fonction Publique?

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5. What is the process followed by the sending mission when determining whether U.S., in-country, or third country institutions will be used? What are the site selection criteria?

6. What criteria are used to select third country training institutions (e.g., relevance of the training, capability of local mission to provide support to student, etc.)?

B. Directory of Francophone African Third Country Training Institutions

1. What resources do you currently use to identify potential third country training institutions?

2. What are the strengths and weaknesses of these resources (e.g., not enough information on curriculum, not enough information on the quality of the training, outdated information, etc.)?

3. What information should be included in our Directory to ensure its usefulness and relevance to mission personnel?

4. In what ways do you foresee the Directory being used by Missions?

5. What type of format should be used to organize and present the data?

6. Mission personnel will be asked to assume responsibility for updating the Directory either through interviews with institutions or by disseminating questionnaires to the institutions. Does this mission have the personnel to perform this task? What process could be used to facilitate their performing this task? How often should updating occur?

C. Management and Monitoring of Third Country Training

The following questions pertain to the process and procedures involved in placing, monitoring, and tracking third country training participants by both the sending mission and the receiving mission:

1. What are your responsibilities for placement of third country students as a sending mission?

2. As a receiving mission?

3. What are your responsibilities for monitoring and supporting third country trainees as a sending mission (e.g., orientation to the institution and the country, housing arrangements, travel and visa requirements, insurance, counseling, etc.)?

4. As a receiving mission?

5. What are the trainees' responsibilities with respect to the above?

6. What are the extent of and mechanisms for tracking students upon their return home?

7. What are the nature and extent of coordination and communication between sending and receiving missions regarding the following aspects of third country training:

a. Financial--tuition, room and board, housing, living allowance

b. Academic--records and transcripts, professional qualifications, research and practicums, advisor reports, evaluation of institution by student and/or training officer

c. Follow up

8. Have you ever used a non-USAID organization to assume the administrative and monitoring tasks associated with third country training?

Yes

No

If so, what organizations were used?

How is the quality of service evaluated?

If not, do you consider this a viable option, particularly in countries where no USAID exists? Why or why not?

9. What types of organizations would be best suited to assume these responsibilities?

10. What is your capacity as a receiving mission to assume the administrative and monitoring tasks associated with third country training? Number of students that could be accommodated?

IV. QUESTIONNAIRE FOR OTHER DONORS

Name:

Date:

Country:

A. Francophone Training and Education Institutions

1. Identify third country training institutions where trainees have been sponsored by your organization:

2. Identify institutions in-country where trainees from other Francophone countries have been sent through your organization:

3. What is your perception of the quality of the training and education provided by these institutions and the relevance of the programs to the students' professional needs and the sending countries' manpower needs?

4. What problems have you encountered concerning recognition of third country degrees by sending countries upon students' return? What third country diplomas/degrees have not been recognized by the sending country? Is the source of the problem a question of equivalence and accreditation or the regulations of the Fonction Publique?

5. What is the process followed by your organization when determining whether in-country or third country institutions will be used? What are the site selection criteria?

6. What criteria are used to select third country training institutions (e.g., relevance of the training, capability of local mission to provide support to student, etc.)?

B. Directory of Francophone African Third Country Training Institutions

1. What resources do you currently use to identify potential third country training institutions?

2. What are the strengths and weaknesses of these resources (e.g., not enough information on curriculum, not enough information on the quality of the training, outdated information, etc.)?

3. What information should be included in the Directory to ensure its usefulness and relevance to the personnel involved in the placement of students:

4. In what ways do you foresee the Directory being used by your organization?

5. What type of format should be used to organize and present the data?

C. Management and Monitoring of Third Country Training

The following questions pertain to the process and procedures involved in placing, monitoring, and tracking third country training participants by both a sending mission and a receiving mission.

1. What are your responsibilities for placement of third country students as a sending organization?

2. As a receiving organization?

3. What are your responsibilities for monitoring and supporting third country trainees as a sending organization (e.g., orientation to the institution and the country, housing arrangements, travel and visa requirements, insurance, counseling, etc.)?

4. As a receiving organization?

5. What are the extent of and mechanisms for tracking students upon their return home?

6. Have you ever used another organization to assume the administrative and monitoring tasks associated with third country training?

If so, what organizations were used?

What criteria were used to select the organization?

How is the quality of service evaluated?

If not, do you consider this a viable option, particularly in countries where no USAID exists? Why or why not?

V. QUESTIONNAIRE POUR LES BOURSIERS DE RETOUR AU PAYS

A. Identification Personnelle

Nom:

Pays d'Origine:

Age:

Etat Civil:

Institution d'enseignement ou de formation:

Lieu et adresse de l'institution:

Domaine d'études:

Durée des études ou du stage:

Dates de la période d'études ou du stage:

Type de diplôme ou de certificat obtenu:

Nom de l'agence qui a accordé la bourse d'études:

B. Evaluation du Programme d'Etudes (lème Partie)

Comment évalueriez-vous les aspects suivants de votre programme d'études ou de formation? Utilisez les expressions "bon", "moyen", "faible"

Caractéristiques du Programme	BON	MOYEN	FAIBLE	SANS OBSERVATIONS
1. Contenu des cours				
2. Bibliothèques				
3. Laboratoires				

Caractéristiques du Programme (Suite)	BON	MOYEN	FAIBLE	SANS OBSERVATION
Autres Installations de				
4. Recherche				
5. Utilisation d'ordinateurs				
6. Mobilier				
7. Matériel Pédagogique				
Exercices ou Formation				
8. Pratiques				
9. Logement sur le campus				
Logement à l' extérieur				
10. du campus				
11. Services et soins médicaux				
12. Plan d'assurance médicale				
Service d'accueil des				
13. étudiants étrangers				
Sports et activités				
14. culturelles				
Régularité dans le paiement				
15. de la bourse par l'agence				
Orientation avant le départ				
16. à l'étranger				

C. Evaluation du Programme (2ème Partie)

Veillez fournir des réponses détaillées aux questions suivantes.

1. Quelle est votre évaluation globale de votre expérience d'étudiant ou de stagiaire? Est-ce que la formation reçue a répondu à vos attentes?

2. Que faisiez-vous ou quelles fonctions remplissiez-vous avant votre départ à l'étranger?

Quel est votre emploi, ou activité, actuel?

Est-ce que la poursuite des études (ou stages) à l'étranger a entraîné un plus haut salaire ou des responsabilités plus importantes?

3. Quels sont les aspects de vos études (ou stages) que vous avez appréciés le plus et pourquoi?

4. Quels sont les aspects qui vous ont le plus déçu?

5. Quelle est votre opinion en ce qui concerne la pertinence de la formation reçue par rapport à vos activités professionnelles actuelles, les besoins de votre pays, et le niveau de technologie requis pour le développement de votre pays?

6. Quelle était la qualité du soutien que vous avez reçu de l'agence qui a géré la bourse alors que vous vous trouviez à l'étranger? Pouvez-vous spécifier quelles étaient les points forts et les points faibles de ce soutien?

7. Quelles mesures devraient être prises, selon vous, pour améliorer les conditions d'études ou de formation des étudiants étrangers dans le pays qui vous a accueilli?

APPENDIX C

INTERVIEWEES

INTERVIEWEES

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Koffi, Yao, Directeur
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Kouba, Coulibaly, Directeur
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APPENDIX D

UPDATING AND NEW INSTITUTION QUESTIONNAIRE

I. QUESTIONNAIRE A L'USAGE DES INSTITUTIONS ACADEMIQUES ET DE FORMATION DANS
LES PAYS AFRICAINS D'EXPRESSION FRANCAISE

Part 1: l'Institution

1.1. Nom de l'Institution:

1.2. Date de création de l'institution:

1.3. Adresse complète:
Rue et no:

Boîte Postale:
Localité:
Téléphone:
Télex:

1.4. Succursale (s'il y a lieu)
Rue et No:

Boîte postale
Localité:
Téléphone:
Télex:

1.5. Indiquez si ces localités sont en: (cochez une des 3 catégories)

A. ZONE URBAINE (ville ayant une population de 100.000 habitants ou plus)

B. BANLIEUE (unité administrative distincte située dans la
périphérie de la ville et ayant une population de 50.000
habitants ou plus)

C. ZONE RURALE (une petite ville éloignée de tout grand centre urbain
et ayant une population inférieure à 50.000 habitants)

1.6. Indiquez le type de pouvoir organisateur: (Cocher les catégories
appropriées ci-après)

A. CARACTERE PUBLIC (Gouvernement national/régional/provincial/local).
Si oui, donnez le nom du ministère ou de l'organisme exerçant la
tutelle de l'établissement:

B. CARACTERE PRIVE

C. INTERNATIONAL OU REGIONAL (Citez l'organisation: Organisation des Nations Unies, Organisation Mondiale de la Santé, FAO etc. S'il s'agit d'une école Inter-Etats donnez les états participants)

D. LAIQUE

E. RELIGIEUX (citez l'église, la congrégation religieuse, etc.)

F. AUTRES (précisez)

1.7. Indiquez si l'établissement est agréé ou certifié:

A. Oui

Si oui, précisez par quelle autorité:

B. Non

1.8. L'établissement dispose-t-il d'un catalogue ou d'une brochure présentant les programmes de formation offerts et les conditions d'admission, de fréquentation et de fonctionnement:

A. Oui

B. Non

1.9. Indiquez les sources principales de financement des dépenses de fonctionnement y compris les salaires des Coopérants ou Assistants Techniques et les bourses d'études des étudiants fréquentant l'établissement:

**Part 2: Programme de cours/Domaine
de formation**

2.1. Titre du programme de cours/domaine de formation:

2.2. Indiquez les différentes options/spécialités proposées ou les différentes sections à l'intérieur du programme:

2.3. A. Indiquez les conditions d'admission pour les différentes options/spécialités du programme:

SECTION OU OPTION/SPECIALITE	CONDITIONS D'ADMISSION		
	DE DIPLOME	CONCOURS	D'EXPERIENCE

2.3. B. Indiquez les diplômes et/ou certificats délivrés en fin d'études pour les différentes options/spécialités du programme, ainsi que la durée des études:

SECTION	OPTION/ SPECIALITE	DUREE DES ETUDES	TITRE DU DIPLOME	NIVEAU DE DIPLOME*
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*Utilisez les références suivantes: BEPC, Baccalauréat, Baccalauréat Technique, DUEG, Brevet de Technicien Supérieur, DUT, Licence, Ingénieur des Travaux, Maîtrise, Ingénieur d'Application, Ingénieur de Conception ou indiquez le cadre d'accès dans la Fonction Publique.

2.4. Quel est le nombre d'étudiants actuellement inscrits par option/spécialité ou section et par sexe:

OPTION/SPECIALITE SECTION	INSCRITS					
	Nationaux			Etrangers		
	M	F	T	M	F	T

2.5. Indiquez le nombre de diplômés par sexe et option/spécialité ou section en 1985:

OPTION/SPECIALITE SECTION	DIPLOMES en 84					
	Nationaux			Etrangers		
	M	F	T	M	F	T

2.6. Indiquez la langue d'enseignement:

- FRANCAIS
- ARABE MODERNE
- ANGLAIS
- AUTRES (précisez)

2.7. Indiquez la moyenne d'heures hebdomadaires consacrées par étudiant en classe, dans les laboratoires, travaux pratiques, etc. pour les différentes options/sections:

OPTION/SECTION	Classe	NOMBRE HEURES/SEMAINE		Total
		Laboratoire/Travaux Pratiques	Travaux Dirigés	

2.8. Indiquez si le programme comprend des aspects de stage pratique:

A. Non

B. Oui

Si oui, spécifiez le type de stage, le lieu et la durée pour chaque option:

2.9. Indiquez, si approprié, si les étudiants acquièrent une connaissance de l'entretien, ainsi que de la réparation de l'équipement technique:

A. Oui

B. Non

2.10. Indiquez si les étudiants sont initiés à l'usage des ordinateurs:

A. Oui

B. Non

2.11. Indiquez les conditions de diplôme et d'expérience exigées pour assumer un poste d'enseignant dans l'établissement:

TITRE*	CONDITIONS
Professeur Diplômes Expérience	
Professeur Associé Diplômes Expérience	
Chargé de Cours Diplômes Expérience	
Assistant Diplômes Expérience	

*Indiquez les titres professionnels utilisés dans votre établissement:

2.12. Indiquez le nombre d'enseignants dans le tableau suivant:

A. Temps plein

Titre	Nationaux			Etrangers			Total		
	M	F	T	M	F	T	M	F	T
Doctorat d'Etat ou équivalent									
Ph.D.									
Doctorat 3ème Cycle ou équiv.									
Ingénieur de Conception/DEA/DES									
Maîtrise ou équivalent/DIT									
Licence ou équivalent									
DUES/DUEL/DUT/BTS									
Baccalauréat ou niveau Baccalauréat									

B. Temps partiel

Titre	Nationaux			Etrangers			Total		
	M	F	T	M	F	T	M	F	T
Doctorat d'Etat ou équivalent									
Ph.D.									
Doctorat 3ème cycle ou équiv.									
Ingénieur de Conception/DEA/DES									
Maîtrise ou équivalent/DIT									
Licence ou équivalent									
DUES/DUEL/DUT/BTS									
Baccalauréat ou niveau Baccalauréat									

2.13. Rapport Elèves/Enseignants (Pour obtenir le rapport élèves/enseignants, il faudrait établir le nombre des professeurs ou équivalent à temps plein en se basant sur le traitement horaire des professeurs à temps partiel et utilisez cette valeur pour calculer le rapport.):

2.14. Indiquez la ou les dates de début des différents cycles d'études par option:

OPTION/SECTION	DATES

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2.15. Indiquez les conditions d'admission des étudiants (cochez toutes les catégories appropriées):

A. ETUDES SECONDAIRES INCOMPLETES (Précisez):

B. DIPLOMES D'ETUDES SECONDAIRES COMPLETES (Si Baccalauréat, donnez la ou les séries):

C. DEUX ANNEES D'ETUDES POST-SECONDAIRES: (Précisez):

D. REUSSIR UN EXAMEN D'ENTREE:

E. SE PRESENTER A UNE INTERVIEW

F. AUTRES (Précisez):

2.16. Indiquez auprès de quelle instance les demandes d'admission doivent être introduites:

2.17. Indiquez l'instance qui procède à la sélection des candidats:

2.18. Indiquez la date limite pour l'introduction des demandes d'admission:

A. LA DATE LIMITE POUR LES DEMANDES D'ADMISSION EST:

B. LES DEMANDES SONT PRISES EN CONSIDERATION TOUTE L'ANNEE

B.1. Oui

B.2. Non

Si non, précisez la période:

2.19. Indiquez le titre de la personne à contacter pour obtenir des informations complémentaires:

2.20. Décrivez succinctement les installations et l'équipement pédagogique dont l'école, l'institut ou la Faculté dispose:

A. Salles de classes: (nombre de places)

B. Laboratoires et autres installations à but d'enseignement:

C. Bibliothèque: (nombre de volumes et de périodiques spécialisés)

2.21. Indiquez si le programme (Ecole/Faculté) a des arrangements de coopération avec d'autres organisations nationales, des organisations internationales, ou avec des universités étrangères à l'exclusion des organismes de financement des dépenses de fonctionnement)

A. Oui

B. Non

Si oui, donnez le nom de ces organisations et le pays et la ville où ces organisations sont installées:

PART 3: Politiques, procédures et services pour les étudiants étrangers

3.1. Acceptez-vous des étudiants étrangers?

A. Oui

B. Non

Si oui, avez vous des quotas et éventuellement quels sont-ils?

3.2. Si non, seriez-vous en mesure d'en accepter dans l'avenir?

A. Oui

B. Non

3.3. Quelle est la date limite pour le dépôt des candidatures?

3.4. Y a-t-il des conditions d'admission spéciales pour les étudiants étrangers? (voir questions 2.14 a 2.15) Spécifiez par quel canal ou circuit les candidatures doivent être transmises.

A. Non

B. Oui

Si oui, lesquelles

3.5. Reconnaissez-vous l'équivalence entre les diplômes de fin d'études secondaires de tous les pays francophones d'Afrique (Baccalauréat et Diplômes d'Etat)?

A. Oui

B. Non

Si non, citez les pays pour lesquels les diplômes ne sont pas reconnus équivalents à ceux de votre pays:

3.6. L'établissement dispose-t-il d'un centre d'accueil pour les étudiants étrangers?

A. Oui

B. Non

Si oui, pouvez-vous fournir l'adresse de ce centre et le titre de la personne responsable:

Si non, l'établissement peut-il utiliser les services d'un Centre d'Oeuvres Universitaires:

3.7. En fonction de 3.6, indiquez si les services extra-scolaires suivants sont mis à la disposition des étudiants étrangers, par l'établissement ou le Centre des Oeuvres Universitaires:

A. Logement sur le campus

Logement en ville

Indiquez s'il y a des priorités, et lesquelles, dans l'attribution des logements:

Si l'établissement ne dispose pas de ses propres installations ou n'a pas accès aux services d'un COU, aide-t-il les étudiants étrangers à trouver un logement:

-
-
- B. Restaurant ou caf teria universitaire
 - C. Transport entre l' tablissement et la ville
 - D. Service de sant  ou infirmerie
 - E. Librairie
 - F. Autres (Indiquez activit s sportives, culturelles)
-

3.8. Indiquez ceux ces services qui sont  galement   la disposition des familles d' tudiants:

3.9. Pouvez-vous fournir une statistique du nombre des  tudiants  trangers fr quentant votre institution par pays au cours des 5 derni res ann es:

PAYS	83-85	83-84	82-83	81-82	80-81

3.10. Y a-t-il dans votre  tablissement des  trangers inscrits   leurs propres frais? Et combien?

Part 4: Frais d' ducation

4.0. Quels est le montant annuel de la bourse d' tudes du gouvernement:
Cat gorie

1.

2.

3.

4.1. Quels sont les frais d'inscription annuels à la charge de l'étudiant?
Boursiers:

Non boursiers:

4.2. Quels sont les frais annuels de scolarité à la charge de l'étudiant?
Boursiers:

Non boursiers:

4.3. Quel est le coût par étudiant (Budget de fonctionnement divisé par le nombre d'étudiants)

4.4. Quel est le prix, par mois payé par l'étudiant pour un logement sur le campus?

4.5. Quel est le prix demandé à l'étudiant au restaurant ou à la cafétéria pour:
Petit déjeuner:

Déjeuner:

Dîner:

4.6. Quel est le prix payé par l'étudiant pour le transport mis à sa disposition par l'établissement (ou le COU):

4.7. Quel est le prix annuel moyen en divises locales payé par l'étudiant ou l'établissement, pour les éléments suivants:

Livres:

Uniformes:

Autre matériel didactique:

- 4.8. Donnez une estimation du coût de la vie par mois pour un étudiant qui vit en ville (Logement, nourriture, habillement, transport):

Dans le cas d'un résident:

Dans le cas d'un étranger:

- 4.9. L'établissement procure-t-il aux étudiants une indemnité de stage, et de quel montant?

NOM DE LA PERSONNE QUI A REPONDU AU QUESTIONNAIRE:

TITRE:

ADRESSE:

TELEPHONE: