

SUMMARY REPORT
of
1981 ON-FARM WATER MANAGEMENT
TRAINING COURSE

A Report of Activities
Kafr El Sheikh, Egypt

May 23 - July 1

Prepared by
EWUP Training Staff

Introduction

The Egypt Water Use and Management project conducted its annual training program in Kafr El Sheikh from May 23 to July 1, 1981. This year's program continued the thrust of developing a training program for evaluating on-farm water management systems which eventually will be administered and taught by Egyptian personnel totally. A final report has been prepared giving the details of the organization, operation and achievements of the program.

Objectives of the Training Program

The goal of the EWUP summer training program is to introduce to selected Egyptian professionals a specific procedure for analyzing on-farm water management practices. This procedure incorporates two major themes: (1) an action-oriented research process, and (2) an interdisciplinary approach for pursuing this research process. Based on the integration of these two themes, this training program is set up to present and to demonstrate how various on-farm water management practices may be studied for the purpose of analyzing the system and determining improvement possibilities.

In examining specific on-farm water management practices, the process used in the training program consists of three phases: (1) a base survey phase, (2) possible solution phase, and (3) an implementation phase. The first phase consists of performing a base survey for the farm system in order to obtain a general understanding of how that farm system operates in terms of water management. From this first phase, certain aspects of the farm system may be seen as being more problematic in terms of establishing a more effective system. These initially identified problems then become the focus of a more detailed study in phase two - the possible solution phase. If the results of the detailed study show that improvements could be made, the third phase begins with the examination of how such changes may be implemented. This phase considers the needs for changes, the possible advantages and costs, and what actions would be required for implementation. The training program is organized to demonstrate how each of these phases may be performed within the context of the on-farm water management study area. Emerging out of this research process is the demonstration that the on-farm practices must be studied by more than one discipline in order to obtain a complete understanding of the operation of the farm system. Four disciplines are included in the training program: agronomy, economics, engineering and sociology. The emphasis of the training program is to provide specific "hands-on" discipline expertise for working in on-farm water management and at the same time, develop a greater sensitivity to complementary contributions of the other disciplines. The activities in the training program are designed to enhance both the discipline expertise and the ability of the separate disciplines to work together as a team focusing on a particular problem involved in on-farm water management.

Primary Objectives

- To have the trainees understand the action-oriented research process in terms of on-farm water management.
- To have the trainees apply that research process in an actual problem situation under field conditions.
- To improve the discipline expertise of the trainees in terms of on-farm water management.
- To establish an understanding by the trainees of the contributions of the other disciplines.
- To develop the means by which the trainees can work as an interdisciplinary team focusing on the problems and improvement of irrigated farm systems.

Transfer to Egyptian Involvement

A major step in the training process is to transfer the administration and teaching of the course from an American staff to an Egyptian staff. This year's program is the fourth EWUP summer course and has served as a unique component of this transfer process in that Egyptians were trainers for the first time. The American commitment was cut in half from last year, the course was administered by an Egyptian, and involved Egyptian trainers who were responsible for many lectures and overseeing the field work. Based on this year's experience, the next training program (1982) is scheduled to consist of an Egyptian training staff with only one or two Americans present to oversee the operation of the program thus completing the transfer process.

Preparation for the Training Program

Initial work for this year's training program began on November 20, 1980 between the American and Egyptian administrative leaders. The initial organization work was mainly in the form of written communication between Cairo and Fort Collins, and it was not until January 1981 when the two leaders met with each other and the Project Directors that preparations began in earnest. A work plan was established to prepare for this year's program. This plan included the activities to be accomplished, the responsibility of various individuals to accomplish each activity, the deadline to complete each activity, and the procedure for communicating what has been accomplished. The plan covered five major areas of concern: personnel, accommodations, material/equipment, orientation and the U.S. study tour.

The Trainees

This year, for the first time, most of the trainees were not working with EWUP. The engineers are Ministry of Irrigation personnel who are working in various parts of the country. While all of the

agronomists were EWUP personnel, the economists and sociologists worked for the Ministry of Agriculture. The trainees ranged from very senior professionals to recent university graduates (listing of staff and trainees attached).

Accomodations

Finding personal accomodations for everyone in Kafr El Sheikh was impossible. During the training period, the school dormitories as well as the government facilities were full. The limited hotel space in Kafr El Sheikh was also occupied and there were no private residences which could house the training group. As a result, the trainers obtained two flats in Kafr El Sheikh for their purposes, and the trainees stayed at the Arafa Hotel in Tanta.

The training accomodations included a training office and field sites upon which the field work was centered. EWUP used the Kafr El Sheikh training building which it used in 1980 and the farm sites selected were in the surrounding area. An area of fourteen field sites were originally chosen from which the trainers later selected three sites to be used (one for each trainee team). This selection of sites was performed by all the disciplines based on an interdisciplinary consensus of criteria.

Material/Equipment

This includes laboratory equipment, office supplies and equipment, vehicles and materials for trainees and trainers. The training office has attached to it a laboratory stocked with the field and laboratory equipment. Office supplies include an electric typewriter, xerox copier, files, papers, pens, pencils, chalk, fans, a video tape system (including monitor, playback unit, camera, battery pack, and tape), an overhead projector, and slide projector. Vehicles were used to transport trainers and trainees from their respective housing units to the training office and to the field, and back again.

Orientation(Training Staff)

The orientation for the training program focuses on one major purpose: to prepare the trainers to accomplish their assignments. This year, two orientations were proceeding simultaneously; one in Fort collins and one in Cairo, with weekly correspondence communicating what has been accomplished being sent between the two locations. While this situation existed this year because of various circumstances, it is not a recommended practice. Much was lost in terms of substantive and procedural matters and the development into a well functioning training team was delayed. The orientation included a series of meetings held once per week for about nine weeks. Each meeting time was a minimum of two hours. Topics which were covered included the scheduling of events, the format for the training program, the discipline activities, the interdiscipline activities, and the evaluation process. Discussion of these substantive and procedural matters not only helped the trainers to be better prepared for the program, but it also allowed

the trainers to develop a team-like synergism which only evolves through directed participation in program review and development.

U.S. Study Tour

The final part of this training program is a study tour of the U.S. for the trainees. Plans for the tour, such as the schedule, contacting sites to be visited and arranging transportation began early in the year at Fort Collins. The trainees were told that in order for them to go, they must cooperate during the Kafr El Sheikh session and must meet minimum standards established by the trainers. Administrative matters which had to be completed for each trainee included: obtaining a passport, taking an English exam, taking a medical exam, fill out U.S. AID training forms, obtain visas, arrange for plane tickets, and obtain GOE clearance for the trainees to leave the country.

Trainee Evaluations

An important aspect to any program is the evaluation of how that program meets its objectives. The EWUP training staff prepared two major evaluation techniques to measure the effectiveness of the program. Evaluating the trainees was achieved by using written examinations. The trainees were given two examinations; a pre-training diagnostic and post-training final examination. For both, there was a discipline oriented section and a cross-disciplinary oriented section.

Agronomy Discipline Exams

The objectives of the agronomy discipline exam are as follows:

1. To test the agronomy trainees understanding of some of the basic ideas in agronomy.
2. To guide the trainers in the designing of the lectures.
3. To evaluate the effectiveness of the lectures.
4. To evaluate the agronomy trainees discipline progress.

The agronomy discipline exam contained five sections. The sections are: soil physical properties, soil chemical properties, water, crops, and problems. The exam had a two hour time limit. The initial and final discipline exams were similar in content. This was done so that the progress of the trainees could be evaluated.

The range of the initial discipline exam was 17-81% with a mean of 49%. The range of the final discipline exam was 83-95% with a mean of 89%. The trainees initially showed a lack of cohesiveness in their understanding of agronomy. By the end of the training program, the agronomy trainees were all brought up to satisfactory level. The lectures were effective in transmitting information to the trainees.

Agronomy Interdisciplinary Exam

The objectives of the agronomy interdisciplinary exam are as follows:

1. To test the economic, engineering and sociology trainees knowledge of an agronomist's role in the research process.
2. To evaluate the effectiveness of the interdisciplinary lectures and the agronomic fieldwork in transmitting agronomic ideas to the trainees.
3. To evaluate the progress of the trainees.

All of the other disciplines showed a good understanding of the agronomy discipline. The trainees showed improvement in their understanding of the agronomy discipline at the end of the training program. The average score for the exam at the beginning of the program was 78%. The average score for the final exam was 93%.

Economics Examinations

The result of the pre-exams indicated a model knowledge level of economic trainees in economic theory and analytical techniques. The average score of trainees was 53%. The result of the post training exams indicated significant increase in the knowledge of economic trainees in economic theory and analytical techniques had been achieved during the training program. The post training score average was 78%.

Economics Cross Discipline Exam

The result of the pre-exams indicated a modest level of knowledge in economics and the role of economics in on-farm water management research. The average score was 43%. The post training exams indicated a significant increase in the knowledge of the other disciplines in economics as well as in understanding the role of economics in on-farm water management research. The average score was 74.2%, which means about a 31.8% increase in their knowledge of economics and its role in on-farm water management research.

Engineering Examinations

The Engineers showed good improvement between the two exams. The diagnostic examination average scores was 49.2%. The post training examination average score was 83.1%. This represents a rise of 33.9 percentage points or a 68.5% improvement.

Engineering Cross Discipline

The agronomists, sociologists, and economists were evaluated by the engineering trainers through the trainee's performance on pre and post training examinations. The exam was comprised of two questions. One dealt with the trainees knowledge of specific activities performed by engineers. The second was an open ended question which tested whether or not the trainee understood how his discipline and engineers could interact. Scores rose from an average of 75% to an average of

93% between the pre and post training examinations.

Trainee Evaluation of the Training Program

The trainees were given the opportunity to evaluate the training program. This evaluation asked for an assessment of each of the training phases, the introductory week, the examination procedure, and the administrative aspect of the program.

THE INTRODUCTORY WEEK:

Regarding the introductory week lectures, the general consensus is that they were good. They help in understanding the interdisciplinary aspect of the work and some of the trainees specifically commented on their value in showing what other disciplines do. Some of the engineers commented favorably on the team meeting format lectures as being valuable.

BASE SURVEY PHASE:

Again the trainees generally like the lectures given in this phase. Major points of concern were for more lectures in methodology (Agronomy) and more lectures to clarify the purpose of this phase. Some specific comments on what was appreciated by the trainees focused on the lectures in picking a problem, how to write a report, and the exercise in constructing a base survey questionnaire for the farmers. A comment was made about increasing the number of lectures but decreasing the time of each lecture. A specific comment from the engineers was to have more agronomy and economy lectures.

POSSIBLE SOLUTION PHASE:

The lectures that were presented were seen by the trainees as satisfactory. Specific comments were given for identifying a problem and stating a hypothesis. More explanation is needed for these two conditions. Also, more lectures were asked for concerning the methods of applying solutions to problems.

ADMINISTRATION:

There are a few central concerns expressed by the trainees pertaining to the administration of the program. One major concern is the time factor. Many trainees would like to have the training program extended (2-3 months) with the work days reduced. One time period which was suggested was from 0700-1400 while another was from 0700-1200, 1700-2000. Another major concern was the housing facilities. Many people want the trainees and trainers to stay together close to the training center to be able to read, study, and converse about the aspects of the program. An English course should be given prior to the program and the training manual should be given to the trainees well before the program commences. Phases II and III should be lengthened and more time on the farm should be allowed in all phases. Outside professional from the different departments should be asked to give lectures on the study areas. Problems studied should be of national importance. Visits to the EWUP Project sites would be helpful.

TRAINING TEAMS

DAY	TEAM 1	TEAM 2	TEAM 3
SUN	ENG	ECON	AGRON
MON	SOC	ENG	ECON
TUES	AGRON	SOC	ENG
WED	ECON	AGRON	SOC

Disciplines

ENG: Engineering

SOC: Sociology

AGRON: Agronomy

ECON: Economics

(Note: Team leadership rotated each day with the relevant discipline member leading the team through a base survey exercise)

Summer Training Program, 1981Team # 1

1. Agr. Ahmed Sayed Ismail
2. Agr. Hanafy Mahmoud Hanafy
3. Econ. Abdel Sattar Shineshan
4. Eng. Ebdel Razek Ismail Hashim
5. Eng. El-Quaqua Mossad Megahed
6. Eng. El-Sayed Mohamed Ahmed Hassan
7. Eng. Mohamed Salama El-Shafee
8. Eng. Wadie Ragy Kelada
9. Soc. Saber El-Sabbagh

Team # 2

1. Agr. Mahmoud Khedr Afifi
2. Econ. Ahmed Mohamed El-Shater
3. Eng. Ahmed Abdel Naiem Abdel Ghany
4. Eng. Esam Menoufy Mohamed El-Saved
5. Eng. Fathi Aly Solieman
6. Eng. Kadry Ahmed Osman
7. Eng. Mostafa Abdel Ghany Sakr
8. Soc. Ahmed Gamal El-Din

Team # 3

1. Agr. Salah Saleh Abdel Samie
2. Econ. Sobhi Ahmed Elewa
3. Eng. Adel Mohamed El-Kholy
4. Eng. Mohamed Abdel Moniem El-Etefi
5. Eng. Mohamed Shebl Abdel Aziz
6. Eng. Saad Shehata
7. Eng. Tarief Fahmy Abdel Rahman
8. Soc. Mohsen Bahgat Mohamed

EWUP TRAINING CENTER
KAFR EL-SHEIKH

Summer Training Program, 1981

List of Trainers

Training Director:	Dr. Mohamed Sallam	EWUP/Cairo
Training Coordinator:	Dr. David J. Redgrave	EWUP/CSU
Trainers:		
Agronomy:	Mr. Moheib Semaika	EWUP/Mansouria
	Mr. Jeff Jacobsen	EWUP/CSU
Economics:	Mr. Mohammed Haider	EWUP/CSU
	Mr. Lotfy Nasr	EWUP/ Mansouria
Engineering:	Mr. Abdel Fattah Metawie	EWUP/Kafr El Sheikh
	Mr. Forrest Izuno	EWUP/CSU
Sociology	Mr. Mohamed Naguib	EWUP/ Mansouria
	Dr. Jim Layton	EWUP/Cairo
Staff Development Specialist:	Mr. Gale Dunn	EWUP/CSU

EWUP TRAINING CENTER
KAFR EL-SHEIKH
Summer Training Program, 1981
List of Trainees

1.	Agr. Ahmed Sayed Ismail	EWUP - Kafr El-Sheikh
2.	Agr. Hanafy Mahmoud Hanafy	EWUP - Mansouria
3.	Agr. Mahmoud Khedr Afifi	EWUP - Mansouria
4.	Agr. Salah Saleh Abdel Samie	EWUP - El-Minya
5.	Econ. Abdel Sattar Shineshan	M.O.A. - Agr. Economics Institute
6.	Econ. Ahmed Mohamed El-Shater	M.O.A. - Agr. Economics Institute
7.	Econ. Sobhi Ahmed Elewa	EWUP - Kafr El-Sheikh
8.	Eng. Abdel Razek Ismail Hashim	M.O.I. - Aswan
9.	Eng. Adel Mohamed El-Kholy	M.O.I. - Gharbia
10.	Eng. Ahmed Abdel Naiem Abdel Ghany	EWUP - El Minya
11.	Eng. El-Quaqua Mossad Megahed	M.O.I. - Gharbia
12.	Eng. El-Sayed Mohamed Ahmed Hassan	M.O.I. - Giza
13.	Eng. Essam Menoufy Mohamed El-Sayed	M.O.I. - Quena
14.	Eng. Fathi Aly Solieman	M.O.I. - El-Minya
15.	Eng. Kadry Ahmed Osman	M.O.I. - Giza
16.	Eng. Mohamed Abdel Moniem El-Etefi	M.O.I. - Quena
17.	Eng. Mohamed Salama El-Shafee	M.O.I. - Kafr El-Sheikh
18.	Eng. Mohamed Shebl Abdel Aziz	M.O.I. - Gharbia
19.	Eng. Mostafa Abdel Ghany Sakr	M.O.I. - Gharbia
20.	Eng. Saad Shehata Abdel Al	M.O.I. - El-Minya
21.	Eng. Tarief Fahmy Abdel Rahman	EWUP - Mansouria
22.	Eng. Wadie Ragy Kelada	EWUP - Institute
23.	Soc. Ahmed Gamal El-Din	M.O.A. - Agr. Extension and Rural Development Research Institute
24.	Soc. Mohsen Bahgat Mohamed	
25.	Soc. Saber El-Sabbagh	

EWUP TRAINING PROGRAM
SUMMARY FORMAT

PHASE I. Introduction and Base Survey

Part A: Introduction to the Program/Discipline and Cross
Discipline Lectures

1. Introduction to the training program
2. Discipline exams
3. Cross discipline exams
4. Introductory discipline lectures
 - agronomy
 - economics
 - engineering
 - sociology
5. Lecture on base survey - all disciplines
6. Trainees assignment into interdisciplinary teams
7. Visit field study sites by team
8. Lecture on team work
9. Lecture on meeting format
10. Lecture on base survey - by discipline
11. Team planning for base survey
12. Team scheduling of activities for conducting
base survey

Part B: Base Survey

1. Team meeting and planning
2. Equipment pick up by team
3. Conduct base survey by team in chosen field sites
4. Review, tabulation, and interpretation of the
base survey data

Note: Each team conducted a base survey for a particular discipline on a single day. Since there were four disciplines (engineering, agronomy, economics, and sociology) involved a total of four days were allocated to base survey.

5. Writing base survey report by team
6. Oral presentation of base survey report by team

Note: The base survey data collected by each team in four disciplines areas were linked together for a preliminary interdisciplinary study of physical and socio-economic dimensions of the farming system.

PHASE II. Problem Identification

1. Introduction to Phase II
2. Lectures on question development and formation of hypothesis
3. Lecture and discussion on teams work in Phase II
4. Lectures by discipline
5. Problem delineation by team
6. Formation of hypothesis by team
7. Team Planning for data collection and test of hypothesis

Note: A set of problems was identified by each team following an interdisciplinary study of the farming systems. A single problem that satisfied a set of predetermined criteria was selected by each team for detailed investigation. Each team formed a hypothesis to be tested and developed a set of questions, procedures and a time table for data collection.

8. Team planning
9. Equipment pick up
10. Data collection - field work
11. Team discussion session with discipline trainers
12. Team review of day's data collection activity
13. Preliminary data analysis by discipline and by team
14. Lectures as required for data collection and analysis

Note: Each day during this phase of program commenced with a planning meeting by each team. The teams planned the detailed daily activity based on the overall data collection plan that was developed earlier. Following the meeting each team submitted their list for acquisition of the equipment required for data collection.

Each team was accompanied by two trainers who were selected on the basis of the type of data to be collected by the team and the areas of expertise of the trainers.

Data collection involved: (1) collection of data about the physical system such as soil salinity, water salinity, water table, infiltration rate; (2) learning about farmers practices such as method of irrigation, measurement of the volume of water applied; (3) farmers interview regarding their production practices, level of input utilization, output produced, farmers perception of problem under investigation and others. The data collected

was guided by the set of questions that were formed at the beginning of this phase. Answers to these questions provided the necessary data for test of the team's hypothesis.

15. Data analysis
16. Report writing
17. Oral presentation by team

PHASE III. Search for Solution and Implementation

1. Introduction to Phase III
2. Lectures on methodology of evaluating alternative solutions
3. Lectures on concept and methodology of implementation
4. Evaluation of alternative solutions by team
5. Development of an implementation procedure for the solution selected by the team
6. Teams meeting with the farmers
7. Team report
8. Team oral presentation
9. Final exams

1981 EWUP SUMMER TRAINING PROGRAM

WEEK NO. 1

DATE	DAY	TIMES	ACTIVITY	TRAINEES	STAFF	LOCATION	
24	SUN	7:00-9:30	Greetings - Trainers & Trainees (formal introduction + social time)	A11	Redgrave/ Sallam	Training Office	
		9:30-11:30	Discipline exams	By disc.	Redgrave/ Sallam/ Kamal	Training Office	
		11:30-12:30	Lunch				
		12:30-1:30	Cross Discipline exam	A11	Redgrave	Training Office	
		1:30-2:00	Break				
		2:00-4:00	Introduction to the training program Part I	A11	Redgrave	Training Office	
25	MON	7:30-9:15	Introduction to the training program Part II	A11	Redgrave	Training Office	
		9:15-9:45					
		10:00-11:00	Agronomy	A11	Semeika	Training Office	
		12:00-1:00	Economics	A11	Haider	Training Office	
		1:15-2:15	Engineering	A11	Metawie	Training Office	
		2:45-3:45	Sociology	A11	Naguib/ Layton	Training Office	
26	TUES	7:30-8:30	Sociology	A11	Naguib/Layton	Training Office	
		8:45-9:45	Engineering	A11	Izuno	Training Office	
		10:00-11:00	Economics	A11	Lotfy/Haider	Training Office	
		12:00-1:00	Agronomy	A11	Semeika/Jeff	Training Office	
		1:15-2:15	Base Survey Lectures	By disc.	A11	Training Office	
		2:45-3:45		SURVEYING			
27	WED	7:00-8:00	Team Assignments	A11	Sallam	Training Office	
		8:00-10:00	Visit Sakias by teams	A11	A11	Field	
		11:00-12:00	Lunch				
		12:00-1:00	Teamwork lecture	A11		Training Office	
		1:15-2:15	Meeting Format	A11		Training Office	
		2:45-3:45	Disc. Lectures (Base Survey)	By disc.	A11	Training Office	

1981 EWUP SUMMER TRAINING PROGRAM

WEEK NO. 1 (Continued)

DATE	DAY	TIMES	ACTIVITY	TRAINEES	STAFF	LOCATION
28	THURS	7:30-3:00 3:00-4:00	Team Planning for Surveys Team Scheduling Activities	By Teams By Teams	All All	Training Office Training Office
29	FRI		HOLIDAY			
30	SAT		HOLIDAY			

1981 EWUP SUMMER TRAINING PROGRAM

WEEK NO. 2

DATE	DAY	TIMES	ACTIVITY	TRAINEES	STAFF	LOCATION
May 31	SUN	7:00-7:30	Organization - cross check activities	All by teams		Training Office
		7:30-8:00	Review day's activities			Field and Training Office
		8:00-4:00	Pick up equipment Conduct Base Survey by Teams/analyze data			Field and Training Office
June 1	MON	7:00-7:30	Organization - cross check activities	All by teams		Training Office
		7:30-4:00	Review day's activities Base Survey by Teams/analyze data			Field and Training Office
2	TUES	7:00-7:30	Organization - Review day's activities	All by teams		Training Office
		7:30-4:00	Base Survey by Teams/analyze data			Field and Training Office
3	WED	7:00-7:30	Organization - Review day's activities	All by teams		Training Office
		7:30-4:00	Base Survey by Teams/analyze data			Field and Training Office
4	THURS	7:00-7:30	Organization	A11	Any Trainer	Training Office
		7:30-11:00	Put together written and oral report by teams	A11	A11	
		12:00-4:00	Oral Presentations by Teams 45 mins. each w/15 min. breaks 30 min. presentations/15 min. question/answer period	By teams	A11	Training Office
5	FRI		HOLIDAY			
6	SAT		HOLIDAY			

1981 EWUP SUMMER TRAINING PROGRAM

WEEK NO. 3

DATE	DAY	TIMES	ACTIVITY	TRAINEES	STAFF	LOCATION
7	SUN	7:30-8:30	Introduction to Phase II	All	Redgrave	Training Office
		8:45-9:45	Question Development Made Easy/ Developing a good Hypothesis	All	Redgrave	Training Office
		10:00-11:00	Team Work in Phase II	All	Redgrave	Training Office
		12:00-1:00	Discipline Lectures	By Disc.	All	Training Office
		1:15-2:15	Discipline Lectures	By Disc.	All	Training Office
		2:45-3:45	Discipline Lectures	By Disc.	All	Training Office
8	MON	7:30-8:30	Discipline Lectures			
		8:45-9:45				
		10:00-11:00				
		12:00-1:00				
		1:15-2:15				
		2:45-3:45				
9	TUES	7:30-11:00	Teams form hypothesis	By teams	All	Training Office
		11:00-12:00	Lunch (extra time for teams that need it)			
		12:00-2:00	Team Planning for Phase II	By teams	All	Training Office
		2:00-4:00	Team Leaders meet to coordinate activities	Team Leaders	All	Training Office
10	WED	7:30-8:00	Team Coordination meeting/Equipment pickup	By teams	All	Training Office
		8:00-4:00	Field Work, Discussion sessions with disc. trainers, Team meetings, disc. lectures as needed.	By teams	All	Training Office
11	THURS		Same as WED.			
12	FRI		HOLIDAY			
13	SAT		HOLIDAY			

1981 EWUP SUMMER TRAINING PROGRAM

WEEK NO. 4

DATE	DAY	TIMES	ACTIVITY	TRAINEES	STAFF	LOCATION
14	SUN					
15	MON					
16	TUES					
17	WED					
18	THURS		Team Work (Discussion of past two weeks activities)			
19	FRI		HOLIDAY			
20	SAT		HOLIDAY			

1981 EWUP SUMMER TRAINING PROGRAM

WEEK NO. 5

DATE	DAY	TIMES	ACTIVITY	TRAINEES	STAFF	LOCATION
21	SUN	7:30-4:00	Finish writing reports	All	All	Training Office
22	MON	7:30-11:00	Finish reports/prepare for presentations	By teams	All	Training Office
		12:00-4:00	Oral presentations 60 mins. 30 min.=Team report 15 min.=Evaluation by trainers 15 min.=Break between reports	By teams	All	Training Office
23	TUES	7:30-8:30	Concept of Implementation/Plan of Action + reports & exams	All	Redgrave	Training Office
		8:45-9:45	Team Work in Phase III	All	Redgrave	Training Office
		10:00-11:00	Examples of poor planning in Implementation Phases	All	Izuno	Training Office
		12:00-4:00	Interdiscipline Lectures 45 min. lectures, 15 min. breaks	All	All	Training Office
24	WED		Team Meetings			
25	THURS		Team Meetings			
26	FRI		HOLIDAY			
27	SAT		HOLIDAY			

1981 EWUP SUMMER TRAINING PROGRAM

WEEK No. 6

DATE	DAY	TIMES	ACTIVITY	TRAINEES	STAFF	LOCATION
28	SUN	7:30-9:30 9:30-10:30 10:30-4:00	Post-training exams Break Team Meetings	By Disc. By Teams	All All	Training Office Training Office
29	MON	7:30-4:00	Finish Final Report - Turn in Report	By Teams		Training Office
30	TUES	7:30-8:30 8:45-9:45 10:00-11:00 12:00-1:00 1:15-2:15 2:15-4:00	Report Presentations: Preparation time for team giving presentations Presentation #1 Presentation #2 Presentation #3 Presentation #4 Teams touch up reports/submit			
1	WED		Graduation Day	All	All	Training Office