



Field Experience Specification

Course Title: **Field Experience**

Course Code: **CENX497**

Program: **Computer Engineering**

Department: **Computer Engineering**

College: **College of Computer and Information Sciences**

Institution: **King Saud University**

Field Experience Version Number: *Course Specification Version Number*

Last Revision Date: *Pick Revision Date.*



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A. Field Experience Details:

1. Credit hours: (.....).

1 hour

2. Level/year at which Field Experience is offered:

Level 11

3. Time allocated for Field Experience activities: 2 months (300hours)

8 Weeks

60 Days

300 Hours

4. Corequisite (or prerequisites if any) to join Field Experience

120 credit hours & CEN390

5. Mode of delivery

☒ In-person/onsite

☐ hybrid (onsite/online)

☐ Online

B. Field Experience Course Learning Outcomes (CLOs), Training Activities and Assessment Methods

Code	Learning Outcomes	Aligned PLO Code	Training Activities	Assessment Methods	Assessment Responsibility
1.0	Knowledge and understanding				
1.1	Demonstrate their attitudes and knowledge as a foundation for understanding their capability to work in a professional environment.		Presenting information	Asking questions	Field experience supervisor
1.2	Demonstrate a sound understanding of technology operations and concepts.		Presenting information	Asking questions	Field experience supervisor
...					
2.0	Skills				
2.1	Demonstrate the ability to integrate the knowledge		Individual practical works	Assign practical tasks	Field experience supervisor





Code	Learning Outcomes	Aligned PLO Code	Training Activities	Assessment Methods	Assessment Responsibility
	from college courses in order to analyze the practice of computer engineering as obtained in the field experience.				
2.2	Demonstrate effective communication skills.		In-depth effective discussion	Assign practical tasks	Field experience supervisor / Teaching Staff
...					
3.0	Values, autonomy, and responsibility				
3.1	Demonstrate an understanding of how students learn and develop.		interactive practical approach	Assign real cases	Field experience supervisor
3.2	Use systematic observation for gathering data to develop a technical report.		interactive practical approach	Assign real cases	Field experience supervisor / Teaching Staff
...					

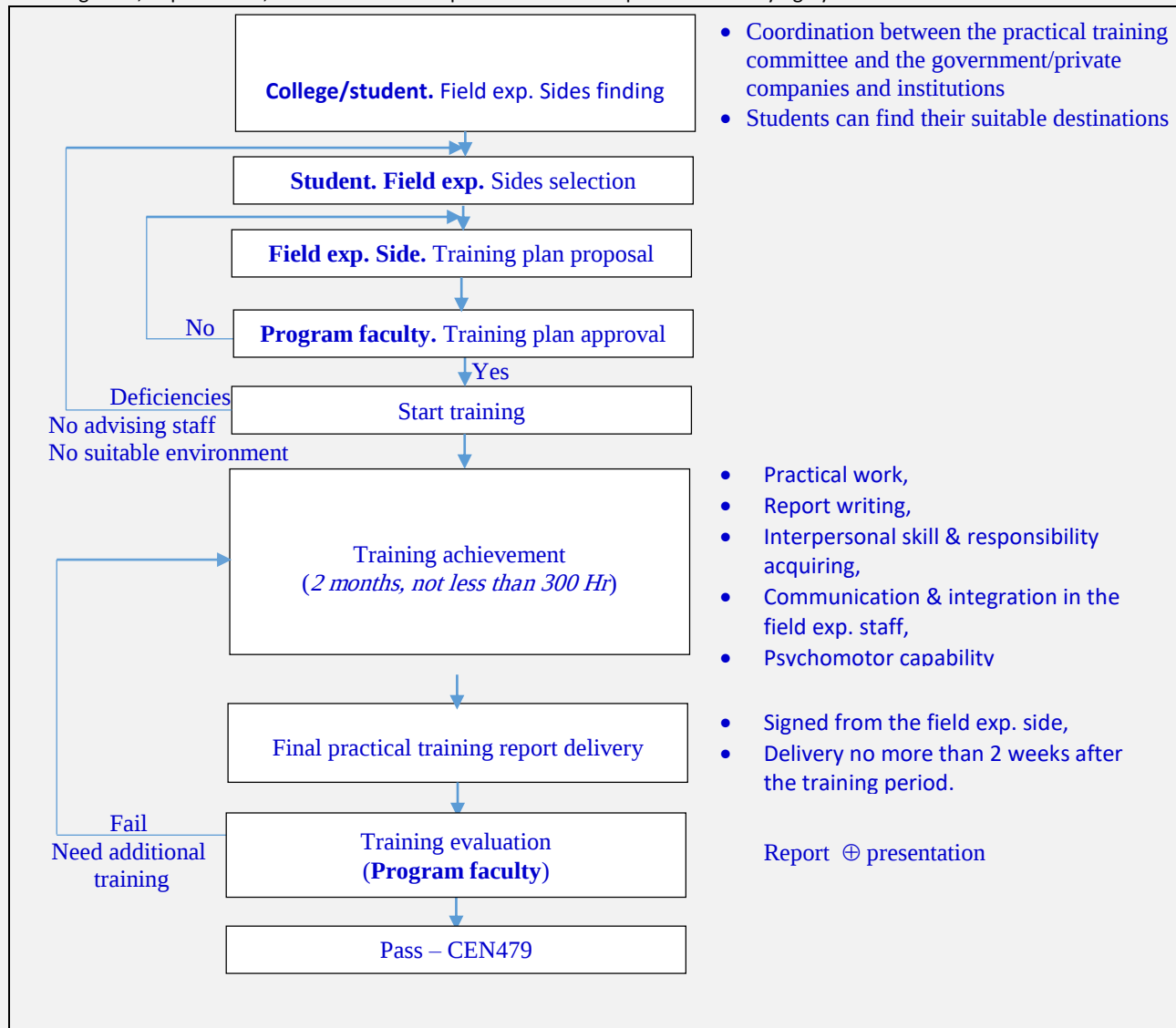
*Assessment methods (i.e., practical test, field report, oral test, presentation, group project, essay, etc.).



C. Field Experience Administration

1. Field Experience Flowchart for Responsibility

Including units, departments, and committees responsible for field experience identifying by the interrelations.



2. Distribution of Responsibilities for Field Experience Activities

Activities	Department or College	Teaching Staff	Student	Training Organization	Field Supervisor
Selection of a field experience site	✓	✓	✓		
Selection of supervisory staff				✓	
Provision of the required equipment				✓	✓
Provision of learning resources					✓
Ensuring the safety of the site				✓	✓



Activities	Department or College	Teaching Staff	Student	Training Organization	Field Supervisor
Commuting to and from the field experience site	✓	✓	✓		
Provision of support and guidance				✓	
Implementation of training activities (duties, reports, projects ...)				✓	✓
Follow up on student training activities					✓
Monitoring attendance and leave				✓	✓
Assessment of learning outcomes			✓		
Evaluating the quality of field experience		✓			✓
Others (specify)		✓			✓

3. Field Experience Location Requirements

Suggested Field Experience Locations	General Requirements*	Special Requirements**

*E.g. provides information technology, equipment, laboratories, halls, housing, learning sources, clinics ... etc.

** E.g. Criteria of the institution offering the training or those related to the specialization, such as safety standards, dealing with patients in medical specialties ... etc.

4. Decision-Making Procedures for Identifying Appropriate Locations for Field Experience



In the department, we have a list of field experience locations (names, addresses, and contact information) that are currently utilized by the program. This list is usually updated according to the student experiences of the department. Some new locations are added and others are removed.

An exit student survey includes questions such as how satisfied they were with the practical works, or did the practical training report reflects a well practical works. The results of these surveys are useful for the program to update the rating of the field experience list. This process helps selecting the appropriate field experience locations for the students of Computer Engineering.

The student is supported and guided as follows:

- The items conform to the computer engineering program are selected by the teaching staff,
- The teaching staff guides the student on how to work on the field experience activities (data gathering, handle and practice a real word activity, improve skills),
- The field supervisory staff allocates the suitable time for each item (task),
- The field supervisory staff supports the student to solve issues, achieve the task and improve student efficiency,
- Both teaching staff and field supervisory staff support and guide the student to collect the most important information for report writing.

5. Safety and Risk Management

Potential Risks	Safety Actions	Risk Management Procedures
Information security	safety precautions (Training Organization)	field supervisory staff responsible of solving issues
field injury	safety precautions (Training Organization)	Organization procedure

D. Training Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Attendance	field supervisory staff	Dates of entry and leave
Autonomous achievement	Teaching staff & field supervisory staff	Assess achievement for each task
Parallel achievement of tasks (documentation, practical work and report writing),	Teaching staff & field supervisory staff	Cyclic check of the student writing
More integration in the whole company staff,	field supervisory staff	Direct assessment
Public oral presentations can be allowed for the students.	Teaching staff & field supervisory staff	Presentation of the whole training (end of semester)

Evaluation areas (e.g., Effectiveness of Training and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Supervisory Staff, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)



E. Specification Approval Data

Council /Committee	
Reference No.	
Date	

