



Field Experience Specification

Course Title: **Cooperative Training**

Course Code: **PHYS26497**

Program: **Physics**

Department: **Physics**

College: **Science**

Institution: **University of Bisha**

Field Experience Version Number: ٢

Last Revision Date: 9 June 2024



Table of Contents

A. Field Experience Details:	3
B. Field Experience Course Learning Outcomes (CLOs), Training Activities and Assessment Methods	3
C. Field Experience Administration	3
2. Supervisory Staff.....	4
3. Responsibilities	5
D. Training Quality Evaluation	7
E. Specification Approval Data	7





A. Field Experience Details:

1. Credit hours: (٨).

2. Level/year at which Field Experience is offered: (8th level / 4th year).

3. Time allocated for Field Experience activities

(١٥)Weeks

(٣٠)Days

(١٢٠)Hours

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

Passing 75 % of the total hours.

5. Mode of delivery

In-person/onsite

hybrid (onsite/online)

Online

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

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Recognize the principles and laws of physics.	K.2	Lectures Self-learning	Reports Presentation
2.0	Skills			
2.1	Communicate positively with others.	S3	Work group	Questionnaire Reports Presentation
3.0	Values, autonomy, and responsibility			
3.1	Apply academic and professional ethical values effectively and efficiently.	V.1	Lectures Self-learning	Questionnaire Reports Presentation
3.3	Participate in work teams with responsibility and professionalism.	V.3	Presentation Work group	Presentation

C. Field Experience Administration

1. Field Experience Flowchart for Responsibility

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

a. Field Experience Locations Requirements



Suggested Field Experience Locations	General Requirements*	Special Requirements**
Laboratories	Equipment	Safety standards

b. Decision-making procedures for identifying appropriate locations for field experience.

<ol style="list-style-type: none"> 1. Precision of the training location 2. Ask the host institutions to provide field training, 3. A placement tutor must be appointed within the host institution or organization. 3. Approval by the department council.

2. Supervisory Staff

a. Selection of Supervisory Staff

Selection Items	Field Supervisor	Teaching Staff
Qualifications	Bachelor	at least an assistant professor
Selection Criteria	Physics specialization	Physics specialization

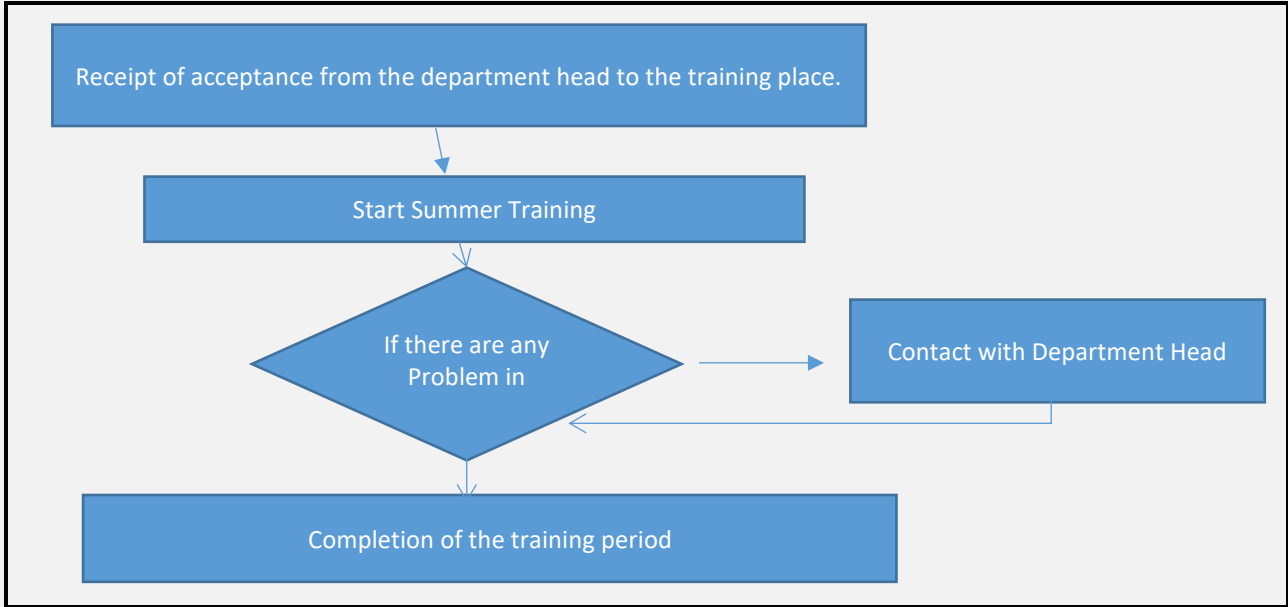
b. Qualification and Training of Supervisory Staff

<ol style="list-style-type: none"> 1. Inform the supervisory staff the specification course and the tools they need to do Follow-up and evaluation methods 2. Provide students with the training and workshop they need to do their jobs. 3. Help students set goals to improve their performance.



3. Responsibilities

a. Field Experience Flowchart for Responsibility



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				√	√
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**
King Abdullah Hospital in Bisha	<ul style="list-style-type: none"> - Availability of modern devices and technologies in analysis - Availability of information systems - availability of sample preparation laboratories - availability calculus code - availability of computing stations 	<ul style="list-style-type: none"> - Availability of modern devices and technologies - Provide appropriate work tools. - availability of scientific journals online -
Cement factory in Bisha		
Bisha power station		
Water station		
Prince Muhammad bin Fahd Center for Research and Medical Studies - King Faisal University		
King Fahd Center for Medical Research - King Abdulaziz University		
Research Center, College of Engineering, King Saud University		
research Center, College of Engineering, King Saud University		

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

<p>Providing a training site equipped with the laboratories required for training.</p> <p>The presence of safety standards in the facility.</p> <p>The presence of qualified trainers to conduct training.</p> <p>The labor market's need for training.</p>

5. Safety and Risk Management

Potential Risks	Safety Actions	Risk Management Procedures
Physics laboratory dangers.	provides safety information, safety equipment.	safety standards in Physical laboratory
Use of unsafe materials	<ul style="list-style-type: none"> - Directing students to trusted training agencies - Which has a clear procedure for security and safety - Alert the students to be careful in using unsafe materials - Ensure the availability of first aid primay equipment and medical aids at the training facility. - Follow up on students who suffer from conditions healthy 	<ul style="list-style-type: none"> - Follow safety and health guidelines: Professional, correct and safe ways of working. -Provide the necessary equipment to deal with risks by the training entity
Exposure to falling accidents and electricity and fire	<ul style="list-style-type: none"> - Provide students with maps showing the Emergency-assembly points-and venues Services. - Directing female students to trusted training agencies and has a good reputation Clear security and safety procedures. 	<ul style="list-style-type: none"> - Follow safety and health rules and guidelines Professional, correct, and safe ways of working. - Provide the necessary equipment to deal with risks by training, such as fire extinguishers
Spread of epidemic diseases	Apply precautionary measures according to the degree severity.	<ul style="list-style-type: none"> -Follow the rules and guidelines of the Ministry of Health. - Applying social distancing. -Reducing the number of female trainees in each training agency.





D. Training Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching	Teachers, students.	Indirect (Questionnaire)
Effectiveness of Students assessment	Teachers, students.	Indirect (Questionnaire).
Quality of learning resources	Teachers, students.	Indirect (Questionnaire).
The extent to which CLOs have been achieved	Teachers, students.	Direct (Final reports), Indirect (Questionnaire).
Quality of facilities available	Teachers, students.	Indirect (Questionnaire).
Fairness of evaluation	Peer reviewer.	Direct (Final reports reevaluation).

E. Specification Approval Data

COUNCIL /COMMITTEE	College of Science Council
REFERENCE NO.	١٧
DATE	9 June 2024

