



Field Experience Specification

Course Title: **Hospital Training**

Course Code: **MPHY26482**

Program: **Medical Physics**

Department: **Physics**

College: **Science**

Institution: **University of Bisha**

Field Experience Version Number: 1

Last Revision Date: 5 September 2023



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A. Field Experience Details:

1. Credit hours: (8).

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

3. Time allocated for Field Experience activities

(١٥)Weeks

(60) Days

240 Hours

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

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	Recognize the principles of medical physics.	K2	Self-learning	Reports Presentation	Teaching Staff Field Supervisor
2.0	Skills				
2.1	Solve problems in applied medical physics.	S1	Solve problems	Reports Questionnaire Observation card	Teaching Staff Field Supervisor
2.2	Using laboratory equipment efficiently.	S2	Laboratory practices	Presentation	
2.3	Communicate positively with others.	S3	Work group	Presentation	
3.0	Values, autonomy, and responsibility				
3.1	Exhibit self-learning skills independently in the field of specialization.	V2	Self-learning	Reports Presentation	Teaching Staff Field Supervisor
3.2	Participate in work teams with responsibility and professionalism.	V3	Work group		





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**
Hospital 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	Medical Physis specialization Medical specialization	Medical Physis specialization Medical specialization

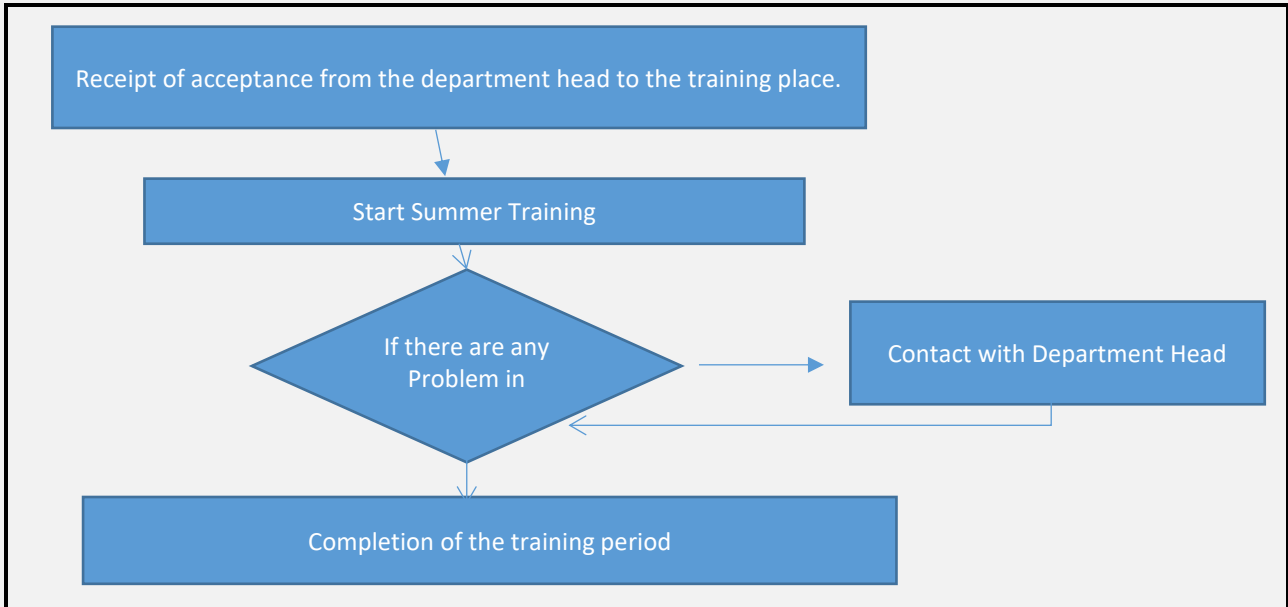
b. Qualification and Training of Supervisory Staff

<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 information systems - availability of sample preparation laboratories - availability calculus code - availability of computing stations 	<ul style="list-style-type: none"> - Accelerator e-beam - Gamma source - Unit for production of isotope
Prince Muhammad bin Fahd Center for Research and Medical Studies - King Faisal University		
King Fahd Center for Medical Research - King Abdulaziz University		
Abha private hospital		
Saudi German health		
King Faisal Specialist Hospital and Research Centre		

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 primary 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.	١
DATE	5 September 2023

