

T8. Field Experience Specification

For direction on the completion of this template, refer NCAAA guidebooks.

Institution Najran University	Date of Report 12/06/1438 H
College : Applied Medical Sciences	Department : Radiological sciences Program
Track	

A. Field Experience Course Identification and General Information

1. Field experience course title and code			
Internship Period			
2. Credit hours (if any)			
N/A			
3. Name and title of faculty or teaching staff member responsible for the field experience.			
Lecturer / Albossieri Taifor Ahmed			
4. Dates and times allocation of field experience activities.			
a. Dates: 5 Days per Week 4 Weeks 6 Months			
b. Times: 8 am . to 4 pm			
5. Level or year of the field experience.			
After completion of level 9			
6. List names, addresses, and contact information for all field experience locations.			
	Name and Address of the organization	Name of Contact Person	Contact Information (email address or mobile)
a.	Training administration Health Ministry- Najran	Mr. Salih Al does	075294106
b.	King Khalid hospital	Mr. Salih AL Abass	0550369777
c.			
d.			
e.			

B. Learning Outcomes

Learning Outcomes for field experience in Domains of Learning, Assessment Methods and Teaching Strategy.

- Differentiate between the normal and abnormal appearance of medical images..
- Explain the essential sciences concepts necessary for applications of different medical imaging procedures.
- Demonstrate ethical and legal manners during performance.
- Show a teamwork spirits.
- Compare between the different medical imaging equipment, their functions, operation and quality control.
- Demonstrate the skills of entering and extracting information and data in medical imaging procedures effectively.
- Perform accurately and safely the procedures and protocols in different modalities to produce high image quality.
- Manipulate the patient effectively applying patient care and protection for medical imaging procedures

Program Learning Outcomes, Assessment Methods, and Teaching Strategy work together and are align. They are join together as one, coherent, unity that collectively articulate a consistent agreement between student learning and teaching.

The *National Qualification Framework* provides five learning domains. Learning outcomes are required in the first four domains and sometimes required in the Psychomotor Domain.

On the table below are the five NQF Learning Domains, numbered in the left column.

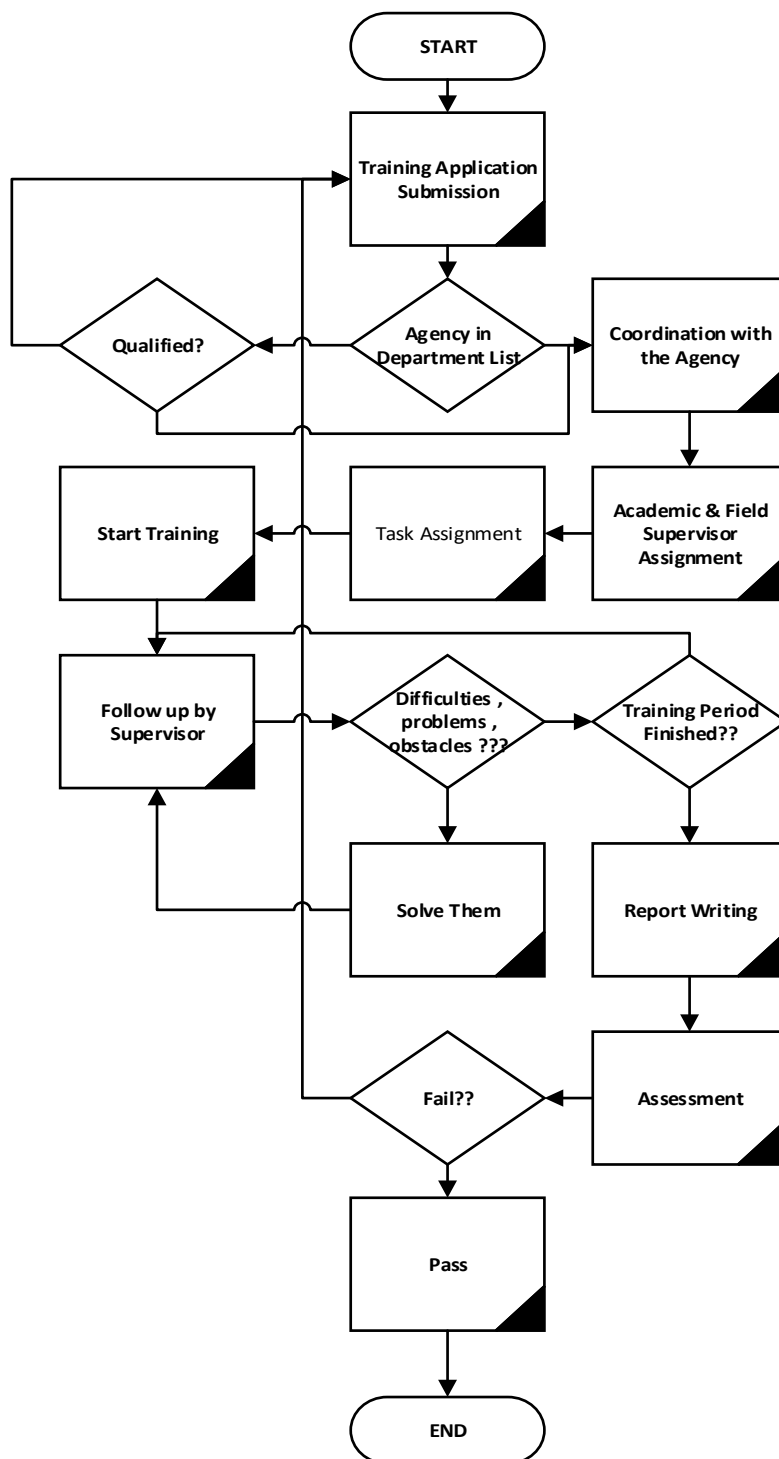
First, insert the suitable and measurable learning outcomes required in each of the learning domains (see suggestions below the table). **Second**, insert supporting teaching strategies that fit and align with the assessment methods and intended learning outcomes. **Third**, insert appropriate assessment methods that accurately measure and evaluate the learning outcome. Each program learning outcomes, assessment method, and teaching strategy ought to reasonably fit and flow together as an integrated learning and teaching process.

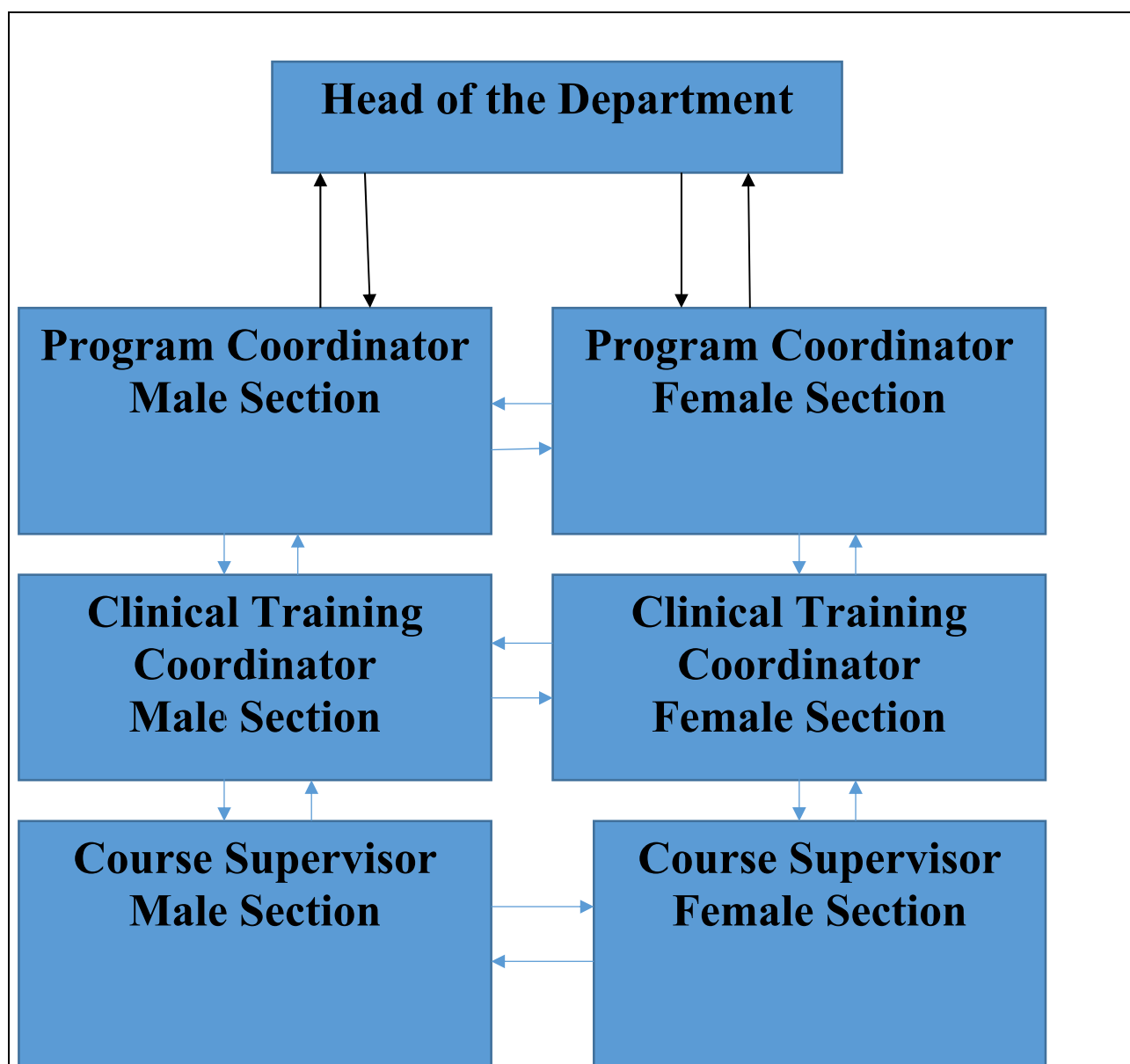
	NQF Learning Domains and Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
2.0	Cognitive Skills		
2.1	Differentiate between the normal and abnormal appearance of medical images	Field training	Weekly assessment done by the faculty staff members
2-2	Explain the essential sciences concepts necessary for applications of different medical imaging procedures.	Field training	Weekly assessment done by the faculty staff members
2-3	Compare between the different medical imaging equipment, their functions, operation and quality control.	Field training	Weekly assessment done by the faculty staff members
3.0	Interpersonal Skills & Responsibility		
3.1	Demonstrate ethical and legal manners during performance	Field training	Weekly assessment done by the faculty staff members
3-2	Show a teamwork spirits.	Field training	Weekly assessment done by the faculty staff members
4.0	Communication, Information Technology, Numerical		
4.1	Demonstrate the skills of entering and extracting information and data in medical imaging procedures effectively.	Field training	Weekly assessment done by the faculty staff members
5.0	Psychomotor		
5.1	Perform accurately and safely the procedures and protocols in different modalities to produce high image quality	Field training	Weekly assessment done by the faculty staff members
5-2	Manipulate the patient effectively applying patient care and protection for medical imaging procedures		

C. Description of Field Experience Activity

<p>1. Describe the major student activities taking place during the field experience.</p> <p>Mainly increasing the intern's practical skills in radiological examinations for all available cases:</p> <ol style="list-style-type: none"> 1- Apply all radiological and medical imaging investigations. 2- Apply patient care and safety before, during, and after investigations. 3- Apply patient preparation for all radiological and medical imaging investigations. 4- Apply radiation protection rules during radiological investigations. 5- Cooperate with colleges and work as a teamwork. 6- Apply the health and hospital discipline during work.
<p>2. List required assignments, projects, and report.</p> <ol style="list-style-type: none"> a- Log book assessment after the end of the internship period. b- Continuous medical education
<p>3. Follow up with students. What arrangements are make to collect student feedback?</p> <p>-Weekly visits by the staff member of radiology department, examining the intern's skill and their ability to follow up the patients conducting the patient sheet</p> <ul style="list-style-type: none"> - Exit exam at the beginning of the internship period. - Ending exam at the end of the internship period. - Contact with the radiology supervisor of the hospital.

4. Insert a field experience flowchart for responsibility and decision-making (including a provision for conflict resolution)





5. Supervisory Responsibilities:

	Student	Field Teaching Staff	Program Faculty and Teaching Staff
Student Activities			
d. transport to and from site	Students responsibility	Tracking absent rates	Random visits
e. demonstrate learning outcome performance	Student performance	Demonstration and assessment	Demonstration and assessment
f. completion of required tasks, assignments, reports, and projects	Own effort	Assessment	Assessment
Supervision Activities			
e. field site – safety	Field organization		
f. student learning activities	Interaction between students, field staff and faculty members		
g. learning resources	Direct demonstration, internet sources and handouts		
h. administrative (attendance)	Field staff		
Planning Activities			
f. student activities	N/A		
g. learning experiences	Clinical experience		
h. learning resources	Direct demonstration, internet sources and handouts		
i. field site preparations	Internship organizer (faculty staff)		
j. student guidance and support	Faculty members		
Assessment Activities			
g. student learning outcomes	Weekly assessment		
h. field experience	Field staff evaluation		
i. field teaching staff	Field staff manager		
j. program faculty and teaching staff	All faculty members, periodically		

k. field site	King Khalid hospital and others hospitals
l. learning resources	Direct demonstration, internet sources and handouts

b. Explain the student assessment process

Weekly assessment by the staff member, collect results monthly, each month to be pass separately

c. Explain the resolution of differences process (If the field teaching staff and the program faculty and teaching staff share responsibility for student assessment, what process is followed for resolving differences between them?)

The monthly evaluation report composed of average evaluation between staff and the field evaluation

D. Planning and Preparation

1. Identification of Field Locations

List Requirements for Field Site Locations (IT, equipment, labs, rooms, housing, learning resources, clinical)	List Safety Standards	List Specialized Criteria
Identification of Field Placements	Safety standards according to the ministry of health's rules	<ul style="list-style-type: none"> • Presence of cooperation protocols with hospitals. • Hospitals approve the training program and agree to fulfill its requirements. • The training hospital ranges include educational hospitals, general hospitals, and armed hospitals. • Location of hospitals in relation to student's accommodation. • Priorities are given to students to choose place of training based on their academic ranking
a. General x-ray machine b. C.T machine. c. Nuclear medicine machines such as gamma	Radiation protection tools such as wall shielding and lead	Availability of radiation dose detections and monitoring such as

camera. d. Mammography machines e. Mobile x-ray machines	apron.	TLD,s and film badges
f. Dark room equipped by automatic processor, safe light and light camera	Chemicals protections tools such as gloves and masks.	Hospital safety rules
g. C.R machine with a computer and connected by internet.	Precautions from electrical shock	Hospital safety rules
h. Phantoms and body part use in training of general x-ray	None	
i. Accessories as immobilization tools.	None	
j. MRI machines	Precautions from any metallic things inside or outside patients and staff	Hospital safety rules
k. Ultrasound machines	Precautions from any electric shock and reaction from the gel	Hospital safety rules
l.		
<p>Explain the decision-making process used to determine appropriate field experience locations.</p> <p>1- Students choose the hospital, which he wish to apply the internship period in which should be a teaching hospital approve by the ministry of health and Medical specialist Saudi organization.</p> <ul style="list-style-type: none"> a- Presence of cooperation protocols with hospitals. b- Hospitals approve the training program and agree to fulfill its requirements. c- The training hospital ranges include educational hospitals, general hospitals, and armed hospitals. d- Location of hospitals in relation to student's accommodation. e- Priorities are given to students to choose place of training based on their academic ranking f- Students should get an acceptance from this hospital. <p>2- For students whom desire to do this period in Najran city the college coordinate with the Ministry of the health Najran – Training administration which will distribute students in different hospitals.</p>		

2. Identification of Field Staff and Supervisors

List Qualifications	List Responsibilities	List Training Required
A. Holds at least Master degree. b. At least has 3 year work experience c. Holds a degree science in radiology	1- Teaching and demonstration 2- Supervision. 3- continuous assessment	1- Radiological and imagining examinations. 2- Designing patient protocol program. 3- Medical supervision training
d. Preparation of Field Supervisors	<ul style="list-style-type: none"> • Briefing meetings with field supervisors for explanation of responsibilities. • Follow up consultation. • Training of staff and distribution of guidance notes. • Acknowledgment and acceptance signature on the required responsibilities by field supervisors. 	Medical supervision training
Explain the decision- making process used to determine appropriate field staff and supervisors. All staff members are enrolled in the process of intern's evaluation		

3. Identification of Students

List Pre-Requisite Requirements	List Testing Requirements	List Special Training Required
a. pass all 9 levels and credit hours	N/A	N/A
b. Explanation of the required evaluation forms of students	N/A	N/A
c. Recognition of duties and rights of students during training period.	N/A	N/A
d. Advice on dealing with expected problems, safety issues, instructions, professional behavior.	N/A	N/A
<p>Explain the decision-making process used to determine that a student is prepared to enroll in field experience activities.</p> <p>Reviewing student's marks by the academic counselor of the department to assure that the students passed all academic hours</p>		

4. Safety and Risk Management

List Insurance Requirements	List Potential Risks	List Safety Precautions Taken	List Safety Training Requirements
a- Radiation hazard	Radiation sickness	1- Regular radiation scatter monitoring and check. 2- Personal dose counting TLD,s and Film badge.	Local safety rules for each hospital
b. Electric shock	shock	Regular check for the cables and electrical circuits.	Local safety rules for each hospital
c- Chemicals reactions	Reactions	Wearing masks and gloves.	Local safety rules for each hospital
d. Awareness of students with the working environment and the expected persons with whom they work.	Unexpected behavior or maladaptive response	General safety rules by ministry of health	Local safety rules for each hospital
e- Patient shock.	Unexpected behavior or maladaptive response	Training on first-Aid skills. CPR	Local safety rules for each hospital

Explain the decision-making process used to protect and minimize safety risks.

The process is based on identifying the risks may be generated during students training according to the radiology department safety rules.

5. Resolution of Differences in Assessments. If supervising staff in the field location and faculty from the institution share responsibility for student assessment, what process is follow for resolving any differences between them

Intern's evaluation process are ruled by the intern's log book which contains the whole regulatory process during the internship period

E. Evaluation of the Field Experience

1. Describe the evaluation process and list recommendations for improvement of field experience activities by

a. Students

Describe evaluation process

Weekly visits with practical assessment

List recommendations for improvement

Encouraging the field staff to firmly monitor the intern's

b. Supervising staff in the field setting

Describe evaluation process

Attendance monitoring, overall attitude, radiology and medical imaging skills assessment

List recommendations for improvement

Encouraging the field staff to firmly monitor the intern's

c. Supervising faculty from the institution

Describe evaluation process

Weekly visits with practical assessment

List recommendations for improvement

Assignments of resident faculty member for continuous supervision

e. Others—(e.g. graduates, independent evaluator, etc.)

Describe evaluation process

List recommendations for improvement

2. Action Plan for Next Semester/Year				
Actions Recommended for further improvement (List from E.1 above)	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Advance coordination between the hospitals and the program	Increasing the satisfaction of students to 90%	First semester 1439	During the next semester	Mr. Albossieri Taifor Ahmed

Name of Instructor : Mr. Albossieri Taifor Ahmed

Signature:  **Date Report Complete:** 12/06/1438 H

Name of Field Experience Teaching Staff: Mr. Albossieri Taifor Ahmed

Signature:  **Date Report Complete:** 12/06/1438 H

Program Coordinator: Dr. Alfatih Hassan Mohamed Albadri

Signature:  **Date Receive:** 15/06/1438 H

Name of Instructor: Mrs. Sawsn Ahmed Awadallah

Signature: SAWSN **Date Report Complete:** 3\7\1438

Name of Field Experience Teaching Staff : Mrs. Sawsn Ahmed Awadallah

Signature: التوقيع SAWSN **Date Report Complete:** 3\7\1438

Program Coordinator : Dr. Mawahib Sayed Ahmed Aldosh

Signature:  **Date Received :** 07/ 8/1438

