



Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Radiographic Imaging(1)
Course number	AMSR2352
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	نالئ3نالئ
Credit hours (practical)	نالئ0نالئ
Course Prerequisites	

Course Objectives

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Expose radiographic film using cassette and process it. * Processing films using automatic wet tank system. * Have ability working in dark room.
Professional Skills	<ul style="list-style-type: none"> * Deal with over contents (safe light, films, cassettes) in dark room.
General Skill	<ul style="list-style-type: none"> * Understanding principles on location and jits of dark room.

Course Contents

- 1 - Electromagnetic spectrum
- 2 - Structure and types of X-ray films
- 3 - Structure and function of Intensifying screen.
- 4 - Dark room contents.
- 5 - Latent image formation
- 6 - Manual processing
- 7 - Automatic processing
- 8 - Processing Faults
- 9 - Silver recovery

Teaching and Learning Methods

- 1 - Powerpoint notes
- 2 - Illustration Videos

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
attendance	the whole semister	5
First mid term	after the first month	20
second mid term	after the second month	20
presentation	during the seventh week	5
Final exam	the end of semister	50

Books and References

Essential books	Radiographic Imaging/a practical approach/revised by chrisine gunn
Recommended books	Kirk Shung Michael Smith Benjamin Tsui Principles of Medical Imaging, Academic Press Inc. London 1992