

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Oral Radiology
Course number	DENT4124
Faculty	
Department	
Course type	College Needs
Course level	4
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

1 - know the importance of radiology in oral diagnosis
2 - To know the biologic effect of radiation
3 - know the basic intraoral imaging techniques

#### Intended Learning Outcomes

Knowledge and Understanding	* know the basic intraoral imaging techniques
	* To know the biologic effect of radiation
Intellectual Skills	* realize the importance of radiograph in the diagnosis of different intraoral pathosis
Professional Skills	* know how to locate the anatomical landmrks in the radiograph
General Skill	* improve the students ability to analyse data
	* improve the students ability to link information

#### Course Contents

1 - Radiographic characteristics and interpretation
2 - Radiographic Interpretation of Carious Lesions
3 - Radiographic Interpretation of Periodontal Diseases
4 - Radiographic Interpretation of pulpal and periapical Diseases
5 - Radiographic Interpretation of Dental Anomalies
6 - Radiographic Assessment of Jaw and Teeth Fractures
7 - Extraoral radiography
8 - Radiation Hazards and Protection
9 - Radiography of patients with special needs
10 - Digital Vs Conventional Radiology Advanced imagiology

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## Teaching and Learning Methods

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| 1 - powerpoint slides |
| 2 - educative videos  |

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## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
mid- term exam	7th week	50
final exam	14th week	50

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## Books and References

Recommended books	Oral Radiology	2009	Stuart C. White Elsevier
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## Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Radiographic characteristics and interpretation	1st week	understand Radiographic characteristics and interpretation	realize the importance of radiography in diagnosis	have a good ability to use radiography in diagnosis	improve the students ability to deal with problems
Radiographic Interpretation of Carious Lesions	2nd week	understand Radiographic Interpretation of Carious Lesions	realize the appearance of the carious lesions in the radiography	have a good ability in identifying the carious lesions in the radiography	improve the students ability to link information
Radiographic Interpretation of Periodontal Diseases	3rd week	understand Radiographic Interpretation of Periodontal Diseases	realize the radiographic appearance of periodontal diseases	have a good ability in identifying Periodontal Diseases in radiography	improve the students ability of analyzing data
Radiographic Interpretation of pulpal and periapical Diseases	4th week	understand Radiographic Interpretation of pulpal and periapical Diseases	realize the different radiographic appearances of pulpal and periapical Diseases	have a good ability in identifying radiographic appearances of pulpal and periapical Diseases	improve the students ability in dealing with problems
Radiographic Interpretation of Dental Anomalies	5th week	understand Radiographic Interpretation of Dental Anomalies	realize the radiographic appearance of Dental Anomalies	have a good ability in diagnosing dental anomalies using radiography	improve students ability of analyzing data
Radiographic Assessment of Jaw and Teeth Fractures	6th week	understand the concepts of diagnosis of Jaw and Teeth Fractures	realize the different radiographic appearances of Jaw and Teeth Fractures	have a good ability in diagnosis of Jaw and Teeth Fractures with radiography	improve the students ability of linking information
Extraoral radiography	8th	understand the mechanism of action of different techniques of extraoral radiography	realize the uses of the extra oral radiography	have a good ability in identifying and dealing with extraoral radiography	improve students ability of remembering
Radiation Hazards and Protection	9th , 10th weeks	understand the modes of protection understand the bio-hazards relates to radiography	realize the effects of radiation on the body	have a good ability in deciding the appropriate mode of protection to be used	improve the students ability of remembering
Radiography of patients with special needs	11th, 12th week	understand the way to deal with patients with special needs		have a good ability in dealing with Hypersensitive gag reflex ,Disabilities Edentulous patients	improve students ability of dealing with problems

Digital Vs, Conventional Radiology Advanced imagiology	13th week	understand the modern radiographic devices diffrentiate between the Digital and Conventional Radiology	realize the uses of the Digital and Conventional Radiology under stand the differences between the Digital and Conventional Radiology	have a good ability in dealing with modern devices	improve the students ability in rememberin g
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