

COURSE IMPLEMENTATION DATE:	September 2007
COURSE REVISED IMPLEMENTATION DATE:	
COURSE TO BE REVIEWED:	September 2009
(Four years after UPAC final approval date)	(MONTH YEAR)

OFFICIAL COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.

Shaded headings are subject to change at the discretion of the department and the material will vary - see course syllabus available from instructor

FACULTY/DEPARTMENT:	Faculty of Science, Health and Human Services / Dental Hygiene Program	
DHYG 230		2
COURSE NAME/NUMBER	FORMER COURSE NUMBER	UCFV CREDITS
	Radiology II	
COURSE DESCRIPTIVE TITLE		

CALENDAR DESCRIPTION:

This course expands on the basic radiology concepts from Radiology 1 and focuses on interpretation of oral radiographs. Concepts, principles and applications of advanced and specialized radiography techniques are also discussed.

PREREQUISITES: **DHYG 125, DHYG 126, DHYG 130, DHYG 162**
COREQUISITES: **DHYG 260**

SYNONYMOUS COURSE(S)	SERVICE COURSE TO:
(a) Replaces: _____ (Course #)	_____
(b) Cannot take: _____ for further credit. (Course #)	_____
	(Department/Program)
	(Department/Program)

TOTAL HOURS PER TERM: 22.5	TRAINING DAY-BASED INSTRUCTION
STRUCTURE OF HOURS:	LENGTH OF COURSE: _____
Lectures: 22.5 Hrs	HOURS PER DAY: _____
Seminar: _____ Hrs	
Laboratory: _____ Hrs	
Field Experience: _____ Hrs	
Student Directed Learning: _____ Hrs	
Other (Specify): _____ Hrs	

MAXIMUM ENROLLMENT:	16
EXPECTED FREQUENCY OF COURSE OFFERINGS:	Fall term, 2nd year only
WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

AUTHORIZATION SIGNATURES:

Course Designer(s): _____ Shauna Warner	Chairperson: _____ Rosie Friesen (<i>Curriculum Committee</i>)
Department Head: _____ Wanda Gordon	Dean: _____ Jackie Snodgrass
PAC Approval in Principle Date: _____	PAC Final Approval Date: September 30, 2005

LEARNING OBJECTIVES / GOALS / OUTCOMES / LEARNING OUTCOMES:

The student will be able to:

1. Recall and apply concepts and principles of radiation biology, x-radiation production, radiation protection standards, film processing and film mounting, and radiographic techniques from DHYG 1
2. Describe and apply concepts dealing with legal and ethical issues of dental radiography
3. Interpret dental radiographic images
4. Understand and apply concepts, principles and applications of specialized and advanced radiography techniques and radiographic imaging

METHODS:

Lecture
Lab practice
Clinical Exercises

PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Credit can be awarded for this course through PLAR (Please check:) Yes No

METHODS OF OBTAINING PLAR:

Challenge exam

TEXTBOOKS, REFERENCES, MATERIALS:

[Textbook selection varies by instructor. An example of texts for this course might be:]

Haring, J. I., Lind, L. J.(1993) Radiographic interpretation for the Dental Hygienist. Philadelphia: Saunders Co.

Haring, J. I., Jansen, L.(2000) Dental Radiography, Principles and Techniques. Philadelphia: Saunders Co.

Regezi, J.A., Scuibba, J.J.(2003) Oral Pathology:clinical pathological correlations (4th ed.). Philadelphia: Saunders Co.

UCFV Course Pack DHYG 230

SUPPLIES / MATERIALS:

STUDENT EVALUATION:

[An example of student evaluation for this course might be:]

The final grade for this course will be assigned based on the following:

Mid term exam 60%
Final exam 40%

UCFV letter grading system will be used. A passing grade is 70% (B-)

COURSE CONTENT:

[Course content varies by instructor. An example of course content might be:]

Main Themes / Critical Elements are:

1. Recall both the paralleling and bisecting angle periapical radiographic technique from DHYG 130
2. Determining the need for radiographs; legal and ethical issues related to radiography; risk management issues; informed consent as it relates to oral radiographs; rights of ownership of radiographic records; radiographs in forensic dentistry
3. Diagnosis and interpretation of dental radiographs; descriptive terminology used in interpreting radiographs; normal soft and hard tissue radiographic landmarks (recall from DHYG130)
4. Anatomic variations that mimic pathology
5. Systematic method for interpreting radiographics
5. Radiographic appearance of dental restorations and dental restorative materials
6. Radiographic appearance of dental caries
7. Radiographic appearance of periodontal conditions

8. Radiographic appearance of pulpal and periapical conditios
9. Radiographic appearance of oral pathologies
10. Radiographic appearance of developmental and acquired disturbance of the teeth
11. Specialized intra oral radiographic techniques
12. Extra oral and panoramic radiography
13. Alternate imaging modalities used in dentistry