## change of COURSE PROPOSAL FORM

**ACADEMIC AREA:** HEALTH PROFESSIONS

**PROGRAM:** AS DENTAL HYGIENE

**PROPOSEd by**: Karen Molumby

**PRESENTER:** Karen Molumby

**SUBMISSION DATE:** 9/26/2012

**CURRENT COURSE PREFIX, NUMBER AND TITLE:**

### DES 1200C Dental RadiologySECTION I

**TYPE(S) OF COURSE CHANGE: TYPE PROPOSED CHANGE HERE FOR EACH ITEM CHECKED:**

 lecture/lab course must have “c” / lab course must have “l”

 type new COURSE TITLE HERE

TYPE IN DEPARTMENT

 LIST ALL PREREQUISITES IN SEQUENTIAL ORDER

 sELECT MINIMUM GRADE rEQUIRED

 LIST ALL COREQUISITES IN SEQUENTIAL ORDER

 Click here to ENTER THE NUMBER CREDITS OR cLOCK HOURS

SELECT A CREDIT TYPE

 Click here to enter CONTACT HOURS

SELECT GRADE MODE



An in-depth study of the fundamentals of radiological science as it relates to dentistry. The course includes: physics, biological effects, radiation safety, protection and control methods, radiographic instruments, techniques to expose, process and mount radiographs, and interpret radiographs.

* History of and principles of radiograph production
* Biological effects and radiation safety
* Dental film and radiographic equipment
* Radiographic exposure & processing techniques
* Radiographic ethical and legal rules
* Panoramic radiography
* Radiographic infection control
* Film mounting and diagnostic evaluation
* Normal radiographic anatomy interpretation
* Radiographic interpretation of dental caries, periodontal disease, trauma, and lesions
* Exposure and technique critiques
* Accessory Radiographic Techniques

**X CHANGE TO LEARNING OUTCOMES:**

TYPE IN ALL OF THE LEARNING OUTCOMES, ASSESSMENTS AND GEN ED COMPETENCIES AS THEY SHOULD BE DISPLAYED IN THE SYLLABUS

|  |  |  |
| --- | --- | --- |
| LEARNING OUTCOMES | ASSESSMENTS | GENERAL EDUCATION COMPETENCIES |
| Apply the ethical and legal considerations for radiographs and perform techniques according to the Florida Dental Practice Act. | Multiple choice and/or case scenario examinations questions |  |
| Differentiate between the types of radiographic film, parts of the x-ray unit, the operation of the unit and the infection control protocol used with radiology equipment. | Multiple choice and/or case scenario examinations questions |  |
| Describe the history of and basic principles of the development of radiography.  | Multiple choice and/or case scenario examinations questions |  |
| Analyze the various types of digital radiography and the safety precautions used to prevent injury and promote patient safety | Multiple choice and/or case scenario examinations questionsRadiographic Research Paper | COM |
| List the biological effects of ionizing radiation. | Multiple choice and/or case scenario examinations questions |  |
| Explain the types of radiographic exposures used for intra oral and extra oral use. | Multiple choice and/or case scenario examinations questions |  |
| Select the appropriate type of survey and demonstrate proper techniques to expose, process, interpret and mount diagnostic FMX and Panoramic radiographs. | Multiple choice and/or case scenario examinations questionsRadiographic performance evaluation |  |
| Interpret radiographic exposures for technique errors. | Multiple choice and/or case scenario examinations questionsRadiographic performance evaluation |  |
| Interpret radiographic exposure for normal anatomical landmarks. | Multiple choice and/or case scenario examinations questionsRadiographic performance evaluation |  |
| Interpret radiographs for dental caries, periodontal disease, trauma, lesions, and dental restorations. | Multiple choice and/or case scenario examinations questionsRadiographic performance evaluation | CT |

### SECTION II (must complete each item below)

**ICS CODE FOR THIS COURSE:** ADVANCED AND PROFESSIONAL - 1.11.12 - HEALTH PROFESSIONS

**IF YOU INTEND TO RESTRICT STUDENT REGISTRATION BASED ON THE STUDENTS’ MAJOR(S), ENTER ALL APPLICABLE MAJOR RESTRICTION CODE(S)—Enter “NA” OR MAJOR code(S):**

AS DEHY

**GRADE MODE:** STANDARD GRADING

**IS THIS AN “INTERNATIONAL OR DIVERSITY FOCUS” COURSE?** NO

**IS THIS A GENERAL EDUCATION COURSE?** NO

**IS THIS A WRITING INTENSIVE COURSE?** NO

**iS THIS AN HONORS COURSE?** NO

**IS THIS A REPEATABLE\* COURSE?** NO

(A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3-credit hour course, can be repeated 1 time and a student can earn a maximum of 6 credits.)

\*not the same as Multiple Attempts or Grade Forgiveness

**IF “YES”, WHAT IS THE MAXIMUM NUMBER OF CREDITS A STUDENT CAN EARN FOR THIS COURSE? if “NO”, ENTER “na” BELOW.**

 NA

**DO YOU EXPECT TO OFFER THIS COURSE THREE TIMES OR LESS?** -- NA --

**WILL THESE CHANGES HAVE AN IMPACT ON OTHER COURSES, PROGRAMS OR DEPARTMENTS?**

NO

**IF “YES,” please eXPLAIN or submit comments (ENTER “NA” or COMMENTS):**

 NA

**IF “YES,” HAVE YOU DISCUSSED THIS PROPOSAL WITH ANYONE (FROM OTHER DEPARTMENTS AND/OR PROGRAMS) REGARDING THE IMPACT? WERE ANY AGREEMENTS MADE (ENTER “NA” OR COMMENTS)?**

 NA

**DO YOU ANTICIPATE THAT STUDENTS WILL BE TAKING ANY OF THE PREREQUISITES LISTED FOR THIS COURSE IN DIFFERENT PARTS OF THE SAME TERM?**

NO

**IS ANY COREQUISITE LISTED ON THIS COURSE LISTED AS A COREQUISITE ON ITS PAIRED COURSE?**

eXAMPLE: CHM 2032 IS A COREQUISITE FOR CHM 2032L AND CHM 2032L IS A COREQUISITE FOR CHM 2032.

 YES

### SECTION III (MUST COMPLETE EACH ITEM BELOW)

**PROVIDE JUSTIFICATION FOR EACH CHANGE ON THIS PROPOSED CURRICULUM ACTION (OTHER EXPLANATORY INFORMATION)—ENTER “na” OR TEXT:**

The Dental Hygiene program conducts a formal and ongoing review of the curriculum to assure the incorporation of emerging information and to eliminate unwarranted repetition to attain student competence. The faculty reviewed the curriculum and revised the course syllabi to be congruent with the new standards outlined by the Commission on Dental Accreditation, the Florida curriculum frameworks and the Florida state statutes.

**nOTE:** Changes for the Fall 2013 Term must be submitted and approved no later than the January Curriculum Committee Meeting prior to the start of the next academic year. Changes during mid-school year are NOT permitted. Extreme circumstances will require approval from the appropriate dean as well as the Vice President of Academic Affairs to begin in either the spring or summer term.

**TERM IN WHICH PROPOSED ACTION WILL TAKE PLACE:**

FALL 2013

TYPE IN TERM IF “EXCEPTION” AND OBTAIN BOTH SIGNATURES BELOW OR TYPE “NA”

**oRDER OF APPROVAL FOR EXCEPTIONS IS AS FOLLOWS:**

SIGNATURE #1 NEEDED FOR EFFECTIVE TERM EXCEPTION:

SIGNATURE #2 NEEDED FOR EFFECTIVE TERM EXCEPTION:

**FACULTY ENDORSEMENTS:**PLEASE SEPARATE FACULTY MEMBERS WITH A COMMA

**DEPARTMENT CHAIR / PROGRAM COORDINATOR ENDORSEMENT:**

 9/26/2012

**ASSOCIATE / ACADEMIC DEAN ENDORSEMENT:**

marie collins 10/1/2012

**DEANS’ COUNCIL Review – verified by:**

mary myers 10/17/2012

**STUDENT ASSESSMENT COMMITTEE CHAIR ENDORSEMENT:**

scott vanselow 10/19/2012

**FOR CURRICULUM COMMITTEE MEETING DATE: November 30, 2012**

Completed curriculum proposals must be uploaded to the dropbox by the deadline. Please refer to the *Curriculum Committee Critical Dates for Submission for Proposals* document available in the document manager in the MyEdisonState Portal:

* Document Manager
* VP Academic Affairs
* Curriculum Process Documents