COURSE INFORMATION FORM

DISCIPLINE  Allied Health / DENA
COURSE TITLE  Dental Radiology II

CATALOG DESCRIPTION
This course emphasizes on radiographic techniques, procedures and infection control methods as well as on the practical experience in exposing, processing and mounting radiographs taken on patients at the University of Missouri-Kansas City School of Dentistry and in private practice offices (general and specialty).

PREREQUISITES
DENA 108, DENA 110, DENA 115, DENA 125, DENA 205

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Demonstrate acquisition of diagnostic quality radiographs using the paralleling technique with XCP instruments, stabe and Snap-A-Ray film holding devices for both adult and pedodontics patients.
2. Demonstrate exposing and processing extraoral radiographs such as Panoramic survey.
3. Explain to his/her patient the risk-benefit aspects of diagnostic radiation.
4. Identify radiographic variations in density as anomalies or normal features.
5. Produce and mount a full mouth radiographic series of diagnostic quality.
6. Apply infection and disease control procedures for dental radiology.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Carry out the role and function of a Dental Assistant.
   • Administer assessments appropriately and professionally.
3. Exhibit professional code of ethics and values of the profession.
   • Demonstrate professional responsibilities of a dental assistant in the field.
5. Understand importance of lifelong learning to promote personal and professional growth.
   • Understand the importance of improving academic and clinical skills to enhance occupational performance.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Student Performance Evaluations of X-rays Preformed on Actual Patients (Panoramic, Conventional and Digital Film), 1-6
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Preparation of Cubicle
   A. Infection Control
   B. X-Ray Handling

II. Live Patient Experience
   A. XCP with Digital Film (parallel technique)
   B. Snap-A-Ray with Conventional Film (bisecting) - When in Private Practice
   C. Panoramic Film

III. Film Processing

IV. Conventional and/or Digital Film Mounting