COURSE INFORMATION FORM

DISCIPLINE  Radiologic Technology
COURSE TITLE  Pathology

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CATALOG DESCRIPTION
Human disease processes and their relationship to radiographic procedure performance.

PREREQUISITES
RATE 279 and RATE 280, concurrent enrollment in RATE 282

EXPECTED Student OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:
1. Define and utilize basic terminology related to pathology
2. Synthesize basic manifestations of pathological conditions and their relevance to radiographic procedures.
3. List and describe pathologies of each body system.
4. Compare and contrast the radiographic appearance of diseases.
5. Describe the causes of diseases.
6. Evaluate radiographic images for pathological variances.

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.

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<th>Outcomes</th>
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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.

4. Students will exhibit professional growth and seek new knowledge.
   A. Students will analyze their role in the health care team for comprehensive patient care.

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

1. Written case study (3, 4)
2. Written examination (1-6)
COURSE OUTLINE FORM

DISCIPLINE: Radiologic Technology

COURSE TITLE: Pathology

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. Definitions and terminology
II. Classifications of disease
III. Trauma diagnosis
IV. Causes of disease
V. Radiologic pathology
   A. Etiology
   B. Complications
   C. Prognosis
   D. Radiographic appearance
   E. Procedural and technique considerations
VI. Radiographic anatomy and pathology
   A. Skeletal
   B. Muscular
   C. Nervous
   D. Sensory
   E. Endocrine
   F. Digestive
   G. Cardiovascular
   H. Lymphatic
   I. Respiratory
   J. Urinary
   K. Reproductive