COURSE INFORMATION FORM

DISCIPLINE Radiologic Technology
COURSE TITLE Clinical Practice IV

CR.HR 6 LECT HR. ________ LAB HR. ________ CLIN/INTERN HR. 24 CLOCK HR. ________

CATALOG DESCRIPTION
Performance of patient examinations in a clinical setting under the supervision of a Radiologic Technologist.

PREREQUISITES
RATE 278, RATE 279, RATE 280 with a C or better and concurrent enrollment in RATE 281 and 283

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

1. Perform clinical procedures under the appropriate level of supervision.
2. Integrate the use of appropriate and effective written, oral and non-verbal communication with patients, the public and members of the health care team in the clinical setting.
3. Adapt procedures to meet age-specific, disease-specific, cultural or other specific needs of the patient.
4. Obtain and document a complete patient clinical history as related to ordered radiographic examinations.
5. Respond appropriately to patient emergencies.
6. Apply standard and transmission-based precautions.
7. Apply appropriate medical asepsis and sterile technique.
8. Employ the fundamentals of radiation protection.
9. Apply techniques of patient transfer, body mechanics, immobilization and restraint.
10. Adhere to national, institutional and/or department standards, policies and procedures regarding the care of patients and the performance of radiographic procedures.
11. Demonstrate clinical competence in surgical radiographic examinations.
12. Explore advanced imaging modalities within medical imaging/radiologic science.

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>
<th>ESO</th>
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PROGRAM-LEVEL OUTCOMES

Revised 9/11/15
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.

- Be workforce ready, demonstrating competence in the entry level skills of the profession.
- Communicate effectively and appropriately.
- Think critically and apply problem solving skills.
- Exhibit professional growth and seek new knowledge.

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. Clinical performance observations (1-12)
2. Clinical information forms: (1-12)
3. Clinical compliance & progress reports: (1-12)
4. Clinical competency evaluations (1-11)
5. Clinical image evaluations (3, 11)
6. Written examination (1-12)
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. Clinical Policies and Procedures
   A. Handbook Policies
   B. Communication
   C. Schedules
   D. Rotations
II. Professional Behavior
   A. Scope of Practice
   B. Incident Reporting Mechanisms
   C. Standards for Supervision

III. Professional Communication

IV. Procedural Performance
   A. Order/Requisition Evaluation and Corrective Measures
   B. Facilities Set-Up
   C. Patient Assessment, Education and Care
      1. Patient Monitoring
         a. Patient Emergencies
         b. Basic Life Support
      2. Interpretation of Patient Records
      3. Confidentiality and Documentation
      4. Special Considerations
      5. Communication Style
      6. Age Specific
      7. Cultural and Socioeconomic Sensitivity
   D. Imaging
      1. Positioning
      2. Technical Considerations
      3. Image Processing
      4. Image Analysis
   E. Patient/Personnel Protection

V. Clinical Experiences
   A. Thoracic Viscera
      1. Routine Chest
      2. Non-Routine Chest
   B. Gastrointestinal System
      1. Abdomen
      2. Contrast Studies
   C. Urinary System
   D. Upper Limb
E. Lower Limb
F. Routine Mobile Exams
G. Trauma Exams
H. Surgical Cases
I. Vertebral Column
J. Cranial and Facial Exams
K. Specialized Imaging Modalities