COURSE INFORMATION FORM

DISCIPLINE: Radiologic Technology
COURSE TITLE: Clinical Practice I

CR.HR  4.0  LECT HR.  80  LAB HR.  16  CLIN/INTERN HR.  16  CLOCK HR.  160

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

PREREQUISITES
RATE 175

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 radiographic examinations of the lower limb.

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.

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>ESO</th>
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<tbody>
<tr>
<td>1. Communication</td>
<td></td>
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<tr>
<td>A. Listening and speaking skills</td>
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<tr>
<td>1. Identify and apply the components of active listening in a variety of communication situations.</td>
<td>(1)</td>
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<td>3. Life-long learning</td>
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<td>C. Attributes of an awareness of the convergence of knowledge</td>
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<td>2. Apply learned skills to real world interactions.</td>
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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.

1. Students will demonstrate competence in performing clinical activities.
2. Students will communicate effectively in both oral and written formats.
3. Students will think critically and apply problem solving skills.
4. Students will 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 (1-11)
2. Clinical information forms: (1-11)
3. Clinical compliance & progress reports: (1-11)
4. Clinical competency evaluations (1-11)
5. Clinical image evaluations (3, 11)
6. Written examination (1-11)
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