Division: Health Professions & Nursing

Instructor Information:

Name: Shellie Son
Office: MHSB 224
Office hours: Monday, 8:00 - 11:00 a.m.
Tuesday, 8:00 - 10:00 a.m.
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E-mail: Shellie_son@nic.edu

Course Information:

Course Number: RADT 190
Course Days/times: TBA
Credits: 7.0  Hours per week: 315 clinical
Prerequisites: RADT 101, RADT 102, RADT 105, RADT 110, RADT 180 with a grade of C or higher

Textbooks:

Required:
Radiographic Image Analysis: Martensen, Kathy McQuillen, Saunders Publishing: 2nd ed., 2006
Patient Care in Radiography, with an introduction to medical imaging: Ehrlich, McCloskey, & Daly; Mosby Publishing: 7th Ed., 2009

Supplies: Markers for image identification, Uniforms
Course Description:

This course consists of supervised rotations through routine diagnostic areas. Students will perform radiologic examinations on patients under direct supervision of a technologist until competency has been achieved. Students will rotate through various clinical areas such as the emergency room, mobile radiography, surgery, and outpatient imaging.

Course Outcomes:

At the completion of this course, the student will:

1. Produce high quality radiographic examinations efficiently by means of appropriate positioning and technical factors with the lowest radiation exposure possible,

2. Perform increasingly difficult diagnostic examinations of the thorax, abdomen, pelvis, spine, and extremities,

3. Provide patient care for radiographic examinations which may include patient transfer, evaluating physical needs, infection control, and medical intervention during an emergency,

4. Demonstrate competency of radiation protection for the patient and technologist to include proper time, distance, shielding and radiation monitoring,

5. Demonstrate the use of effective communication with patients, the public, and members of the health care team.

Assessment of Outcomes:

You will demonstrate achievement of the course outcomes by satisfactorily completing clinical exam competencies throughout the semester.

General Education Abilities this course emphasizes:

Critical/Creative Thinking and Problem Solving
Communication
Mathematical, Scientific, and Symbolic Reasoning

Clinical Practicum Attendance:

Attendance is mandatory. One absence due to illness or circumstance beyond the student’s control is allowed without consequence. For absences: the student must notify the Director of Radiography and Clinical Coordinator at least one-half hour prior to the clinical start time and notify the clinical site, if possible. The student must make arrangements with the Clinical Coordinator for any make up clinical time dependent upon space available. See the Radiography Student Handbook for policy on additional absences. Any changes to the schedule or clinical site must be verified with the Clinical Coordinator or Director. Students remaining at the clinical site beyond the scheduled hours must have prior approval by the Clinical Coordinator or Director (the exception to this is if the student is finishing up a procedure).
Methods of Instruction:
Class is set up as a clinical practicum with clinical exam and area competencies required.

Policy on Academic Dishonesty:
Please refer to the NIC Student Handbook. Dishonesty of any type will not be tolerated. Students who violate the academic dishonesty policy may receive an F for the course.

Evaluation:

A. Completion of 15 additional Exam Competencies. (For a total of 25, which includes the 3 required RADT102 patient care competencies and the 7 required RADT180 competencies.). **NOTE:** A 10% grade reduction will result for each competency below the required 15 minimum.

B. Completion of 10 Continued Exam Competencies. **NOTE:** A 2% grade reduction will result for each competency below the required 10 minimum.

C. Completion of an Area Competency/s which may include: General Diagnostic Radiography 2, Surgery, Fluoroscopy, Trauma/Emergency Room (ER),

C. Completion of Student Performance Evaluations,

D. Assignment of final letter grade is based upon the following criteria:
   - Clinical Competencies = 50% of grade
   - Area Competency/s = 25% of grade
   - Student Performance Evaluations = 25% of grade
   - Total 100%

**Note:** In order to achieve a successful Exam and Patient Care Competency you must receive a score of 75% or higher.

A 75.0% semester average on Competencies and Performance Evaluations is required to pass the course with a grade of C or better.

Students are expected to complete the required competencies during the scheduled clinical hours. Any extenuating circumstances will be handled on a case by case basis.

Area Competencies: students **must** complete the General Diagnostic Radiography 2 Area Competency – no exceptions. Additional Area Competencies of Surgery, Fluoroscopy, Trauma/Emergency Room (ER) may be completed in either this semester or in the upcoming semesters.

Time sheets and log sheets are to be submitted according to the posted schedule.
Grading scale is as outlined in the Radiography Student Handbook:

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100%</td>
</tr>
<tr>
<td>A-</td>
<td>90-92%</td>
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<tr>
<td>B+</td>
<td>88-89%</td>
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<tr>
<td>B</td>
<td>83-87%</td>
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<tr>
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<td>80-82%</td>
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<tr>
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<td>78-79%</td>
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<tr>
<td>D</td>
<td>63-67%</td>
</tr>
<tr>
<td>D-</td>
<td>60-62%</td>
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Clinical schedule:  TBA