|  |  |
| --- | --- |
| **PROFESSOR:**        | **PHONE NUMBER:**        |
| **OFFICE LOCATION:**        | **E-MAIL:**        |
| **OFFICE HOURS:**        | **SEMESTER:**        |

1. **COURSE NUMBER AND TITLE, CATALOG DESCRIPTION, CREDITS:**

**RTE 2834 RADIOLOGY PRACTICUM IV (3 CREDITS)**

This course is designed to provide students with clinical experience in a supervised radiologic setting. The student will put into practice the theories discussed in the accompanying RTE courses. Clinical rotations through selected areas of the Radiology Department, Angiography suite, and the operating room allow students to attain increased proficiency and independence in radiography room equipment manipulation; image receptor handling and processing; accessory equipment usage; contrast media usage and preparation; patient care and safety; and surgical protocol and radiography of more acute patients. The student will demonstrate competence in radiographic procedures of the cranium, facial bones, pediatric imaging of the chest, trauma cervical spine imaging, a selected ARRT radiographic procedure, and a special procedure category. Students will also utilize critical thinking skills in the performance of advanced radiographic procedures on difficult patients. These Level II competencies will include mobile orthopedic imaging, operating room radiologic procedure, and a trauma upper and lower extremity exam that are drawn from previous semester’s material in which a student has proven competent. Additionally, students will demonstrate problem solving techniques in the performance of radiographic procedures in which they were previously deemed competent on more acute patients.

1. **PREREQUISITES FOR THIS COURSE:**

RTE 1824 with a grade of “C” or better

**CO-REQUISITES FOR THIS COURSE:**

None

1. **GENERAL COURSE INFORMATION:** Topic Outline.

Topics to be covered include, but are not limited to:

* Professional Communications
* Patient Care, Safety, Transfer, and Positioning of more acute patients
* Equipment manipulation & operation in the radiography department, mobile units, operating room, and angiography suite
* Proper use of general radiography and angiography suite accessory equipment and contrast media
* Universal Precautions practices
* Radiographic and angiography image production, manipulation, retrieval, and evaluation
* Radiation protection practices
* Bedside and Surgical Radiography: Special Conditions and Environments
* Advanced Radiography of the upper and lower extremities, advanced imaging of the chest and abdomen, Radiographic fluoroscopy procedures, radiography of the spine and bony thorax
* Radiography of the cranium and facial bones
* Pediatric (6 & under) chest radiography, trauma “cross-table lateral” cervical spine imaging, ARRT elective, and special procedure radiography.
1. **All courses at Florida SouthWestern State College contribute to the general education program by meeting one or more of the following general education competencies:**

**C**ommunicate clearly in a variety of modes and media.

**R**esearch and examine academic and non-academic information, resources, and evidence.

**E**valuate and utilize mathematical principles, technology, scientific and quantitative data.

**A**nalyze and create individual and collaborative works of art, literature, and performance.

**T**hink critically about questions to yield meaning and value.

**I**nvestigate and engage in the transdisciplinary applications of research, learning, and knowledge.

**V**isualize and engage the world from different historical, social, religious, and cultural approaches.

**E**ngage meanings of active citizenship in one’s community, nation, and the world.

**A.**  **General Education Competencies and Course Outcomes**

1. Listed here are the course outcomes/objectives assessed in this course which play an integral part in contributing to the student’s general education along with the general education competency it supports.

 General Education Competency: **Evaluate**

 Course Outcomes or Objectives Supporting the General Education Competency Selected:

* Students will properly manipulate radiographic equipment to produce diagnostic images.
1. **DISTRICT-WIDE POLICIES:**

**Programs for Students with Disabilities**

Florida SouthWestern State College, in accordance with the Americans with Disabilities Act and the College’s guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus. The office locations and telephone numbers for the Office of Adaptive Services at each campus can be found at <http://www.fsw.edu/adaptiveservices>.

**REPORTING TITLE IX VIOLATIONS**

Florida SouthWestern State College, in accordance with Title IX and the Violence Against Women Act, has established a set of procedures for reporting and investigating Title IX violations including sexual misconduct.  Students who need to report an incident or need to receive support regarding an incident should contact the Equity Officer at equity@fsw.edu.  Incoming students are encouraged to participate in the Sexual Violence Prevention training offered online.  Additional information and resources can be found on the College’s website at <http://www.fsw.edu/sexualassault>.

1. **REQUIREMENTS FOR THE STUDENTS:**

List specific course assessments such as class participation, tests, homework assignments, make-up procedures, etc.

1. **ATTENDANCE POLICY:**

The professor’s specific policy concerning absence. (The College policy on attendance is in the Catalog, and defers to the professor.)

1. **GRADING POLICY:**

Include numerical ranges for letter grades; the following is a range commonly used by many faculty:

90 - 100 = A

80 - 89 = B

70 - 79 = C

60 - 69 = D

Below 60 = F

(Note: The “incomplete” grade [“I”] should be given only when unusual circumstances warrant. An “incomplete” is not a substitute for a “D,” “F,” or “W.” Refer to the policy on “incomplete grades.)

1. **REQUIRED COURSE MATERIALS:**

(In correct bibliographic format.)

1. **RESERVED MATERIALS FOR THE COURSE:**

Other special learning resources.

1. **CLASS SCHEDULE:**

This section includes assignments for each class meeting or unit, along with scheduled Library activities and other scheduled support, including scheduled tests.

1. **ANY OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES:**

(Which would be useful to the students in the class.)