



Course Information

Course Title	Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer
Course Prefix, Num. and Title	RADR 2267: Practicum(or Field Experience)-Radiologic Technology/Science Radiographer
Division	Allied Health
Department	Radiologic Technology
Course Type	WECM Course
Course Catalog Description	Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. A minimum grade of "C" is required to pass this course.
Pre-Requisites	RADR 2333, RADR 2213 and RADR 2366 with a "C" or better
Co-Requisites	None

Semester Credit Hours

Total Semester Credit Hours (SCH): Lecture Hours:	2:0:15
Lab/Other Hours	
Equated Pay Hours	1.87
Lab/Other Hours Breakdown: Lab Hours	0
Lab/Other Hours Breakdown: Clinical Hours	0
Lab/Other Hours Breakdown: Practicum Hours	15
Other Hours Breakdown	0

Approval Signatures

Title	Signature	Date
Prepared by:		
Department Head:		
Division Chair:		
Dean/VPI:		
Approved by CIR:		

Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

- I. Clinical Practice
 - A. Code of ethics and professional behavior
 1. ARRT Code of Ethics reporting mechanisms
 2. Standards of Supervision
 - a. Direct
 - b. Indirect
 3. Understanding the patient's expectations, rights, and responsibilities
 4. Understanding the radiographer's professional responsibilities
 - B. Professional Communication
 1. Patients
 2. Patient's family
 3. Health care team
 4. HIPPA (Health Insurance Portability and Accountability Act) compliance
 - C. Radiography Practice Standards
 1. Scope of Practice
 2. Clinical Performance Standards
 3. Quality Performance Standards
 4. Professional Performance Standards
 5. ASRT's Advisor Opinion Statements
 - D. Values
 1. Personal
 - a. Values development
 - b. Impact on patient care
 2. Societal
 - a. Rights and privileges
 - b. Community values
 - c. Impact on patient care
 3. Professional
 - a. Values development
 - b. Values conflict
 - c. Impact on patient care
 - d. Impact of social media
 - E. Culture and diversity
 1. Societal and individual
 2. Socioeconomic factors
 3. Gender
 4. Ethnicity
 5. Race
 6. Age
 - a. infant
 - b. Child
 - c. Adolescent
 - d. Adult
 - e. Middle-Aged
 - f. Geriatric
 7. Family structure and dynamic
 8. Geographical factors

9. Religion, spirituality and belief system
10. Lifestyle choices and behaviors
11. Sexual orientation
12. Disability

II. Procedural Performance

- A. Scheduling and sequencing of exams
- B. Order/requisition evaluation and corrective measures
- C. Facilities Set Up
- D. Patient assessment, clinical history, education and care
 1. Patient Monitoring-emergency and non-emergency
 - a. vital signs
 - b. Assessment and clinical history
 - c. Equipment
 - d. Patient emergencies
 2. Patient Privacy and confidentiality (HIPPA)
 3. Documentation
 4. Infection Control
 5. Patient Education
 - a. Appropriate communication style
 - b. Age-Specific
 - c. Cultural sensitivity
 - d. Socioeconomic sensitivity
 - e. Patient-focus care
 6. Medical error reduction
 7. Patient safety considerations
- E. Imaging
 1. Positioning considerations
 2. Technical considerations
 3. Image acquisition
 4. Image analysis
- F. Radiation Protection
 1. Principles of ALARA
 2. Radiation safety practices
 - a. Protection of patient
 - b. Protection of personnel
 - c. Protection of others
 3. Education
 - a. Patient and family members
 - b. Other members of the healthcare team
 4. Equipment and accessories

III. Clinical Competence Perform

1. Complete Master List of Clinical Objectives
 - a. Surgical Competencies
 - b. Pediatric/Geriatric
 - c. Mobile Exams
2. Clinical Rotations-Choose 3
 - a. CT (Mandatory)
 - b. Surgery
 - c. MRI
 - d. Angio/Cath Lab/ Special Procedures

- e. Ultrasound
- f. Nuclear Medicine
- g. Radiation Therapy

Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

Apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and business industry.

Methods of Assessment:

Final Course Grade derived from the completion of the Master List of Clinical Objectives.

Evaluation of student Clinical Performance/ Rotation-End of the semester Evaluation.

Required text(s), optional text(s) and/or materials to be supplied by the student:

Bontrager’s Textbook of Radiographic Positioning and Related Anatomy, J. Lampigano and L. Kendrick, Ninth edition, Elsevier St. Luis, Mo.

Bontrager’s Textbook of Radiographic Positioning and Related Anatomy Workbook, J. Lampigano and L. Kendrick, Ninth edition, Elsevier St. Luis, Mo.

Suggested Course Maximum:

18

List any specific or physical requirements beyond a typical classroom required to teach the course.

Hospital or Clinical Site

Course Requirements/Grading System: Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

The student's grade will be calculated as follows:

End of Semester Evaluation	Up to 15 points
Specialty Rotations (CT, 1 Surgery, 3 Your Choice) up to 15 point each for a total of	Up to 75 points
Computed Tomography Competencies (Head, Chest, Abdomen, for a total of	Up to 10 points
Pelvis, & Combination (2 points each x 5)	
Total: 100 points	

**All competencies from the Master List must be completed to graduate and to sit for the ARRT Exam.

Grading Scale:

A 92-100 B 83-91 C 75-82 74.9 F

Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
 - Critical Thinking
 - Communication
 - Empirical & Quantitative Skills
 - Teamwork
 - Social Responsibility
 - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist