



**Course Information**

<b>Course Title</b>	Advanced Radiographic Procedures
<b>Course Prefix, Num. and Title</b>	RADR 2331 Advanced Radiographic Procedures
<b>Division</b>	Allied Health
<b>Department</b>	Radiologic Technology
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	Positioning and alignment of anatomic structures and equipment, evaluation of images for demonstration of anatomy and related pathology. A minimum grade of "C" is required to pass this course.
<b>Pre-Requisites</b>	RADR 2205 and 1267 with a C or better
<b>Co-Requisites</b>	None

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours: Lab/Other Hours</b>	3:2:4
<b>Equated Pay Hours</b>	4
<b>Lab/Other Hours Breakdown: Lab Hours</b>	4
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	0
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	0
<b>Other Hours Breakdown</b>	0

**Approval Signatures**

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

## 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).

Anatomy, positioning, critique and lab of:

1. Bony Thorax-Sternum and Ribs
2. Cranium, Facial Bones, and Paranasal Sinuses
3. Trauma, Mobile, and Surgical Procedures
4. Pediatric Radiography

### Course Learning Outcomes:

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

Perform advanced level procedures in positioning; align anatomical structures and equipment; and evaluated images.

**Methods of Assessment:**

Written Unit Exam  
Laboratory Unit Exams  
Unit Image Critiques

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

Kenneth I. Bontrager and Barry T. Anthony, Textbook of Radiographic Positioning and Related Anatomy, The C. V. Mosby Company, and supplemental workbooks.

Supplemental reading: Phillip W. Ballinger and Eugene D. Frank, Merrill's Atlas of Radiographic Positions and Radiologic Procedures, The C. V. Mosby Company.

### Suggested Course Maximum:

18

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

The Radiology Classroom and Energized X-ray lab.

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

There will be a written test and a laboratory practical test following each unit. The lab and written exams for each unit are averaged together for one grade per unit. The unit exams will count 75% of the grade. The course will end with a comprehensive written and lab final examination. The final exam will count 25% of the final grade.

92 – 100 = A

91 – 83 = B

82 – 75 = C

74.9 and below = 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