

Bergen CommunityCollege
Division of Health Professions
Radiography Program

Course: **RAD 285: Radiography III**

Credits: 3 (Lecture 2, Lab 3)

Course Description

This course continues with the study of radiographic procedures, theory, and application of basic skull, advanced skull, an overview of the management and care of trauma, geriatric and pediatric patients. It also includes a study of contrast agents typically utilized and their respective radiographic examinations. This course includes a component of faculty guided independent study of medical terminology.

(Sonography, magnetic resonance imaging, and CT have replaced (for the time being) cranial and contrast imaging. Students must learn and master the anatomy, positioning, and technique here for you are unlikely to see the procedures listed in clinical.)

Learning outcomes:

- 1) Mastery of patient positioning and cranial anatomy.
- 2) Reinforcement of patient care skills and critical thinking skills.
- 3) Review of digital and computed radiography applications.
- 4) Practice of mobile techniques and applications.

Grading Policy

100 pts – quizzes & assignments

100 pts – positioning / anatomy flashcards – skull & contrast studies

50 pts – lecture attendance

50 pts – laboratory attendance

100 pts – laboratory practical

150 pts – midterm examination

200 pts – final examination

Extra Credit – 50 pts positioning / anatomy flashcards – RAD 181 & 182 content

675+ A

645 to 674.4 B+

615 to 644.4 B

577 to 614.4 C+

576.4 or below Not recognized by the Radiography Program

Attendance Policy

There will be the following point deductions regarding attendance:

-1 pt for each late < 5 minutes

-3 pts for each late > 5 minutes

-5 pts for each absence

Extenuating circumstances regarding absences will be taken into consideration

Testing Policies & Procedures

All assessments will be taken in a lockdown browser.

Weekly quizzes and assignments will be given through Moodle. These quizzes will open on Thursday and close promptly at 11:59PM EST on Sunday. They will be approximately 15 to 20 questions long and comprehensive in nature. As a radiologic technologist, you are expected to retain information from previous semesters. A missed quiz or assignment will be graded as a Zero (0). Your 10 highest scores will be used for grading.

The midterm & final exam will be held in Room 302. Students are to bring their own computing device unless otherwise instructed. The exam will be held during normal class times.

Textbooks

Bontrager 9th Edition

Bontrager Workbook

Mosby's Comprehensive Review of Radiography 7th Edition

Course outline

	Topic	Quiz / Assignment Due Sunday
Week 1	Orientation & Intro to Contrast	Assignment – Compile Competency List
Week 2	Urinary System	Quiz 1 – Intro to Contrast
Week 3	Gall Bladder	Quiz 2 – Urinary System
Week 4	Esophagus / Upper GI	Quiz 3 – Gall Bladder
Week 5	Upper GI / Small Intestine	Quiz 4 – Esophagram / Upper GI
Week 6	Large Intestine	Quiz 5 – Upper GI / Small Intestine
Week 7	Midterm	Contrast Study Notecards Due
Week 8	Skull Anatomy & Positioning Lines	
Week 9	Basic Positioning	Quiz 6 – Skull Anatomy & Positioning Lines
Week 10	Facial Bones	Quiz 7 – Basic Positioning
Week 11	Orbits/TMJ	Quiz 8 – Facial Bones
Week 12	Sinuses	Quiz 9 – Orbits / TMJ

Week 14	Population Imaging & Trauma *Lab Practical*	Quiz 11 - Mandible
Week 15	Final Exam	Skull Notecards Due

Syllabus Acknowledgement

I, _____, have received a copy of the syllabus for RAD 285 – Radiography 3. I understand that the content is syllabus is subject to change and any changes will be posted. I have reviewed the content of the syllabus and have had the opportunity to ask questions regarding its content.

Signature

Date