

Rad. Anatomy & Procedures I

RADS1020 301

Course Student Learning Outcomes

- Introduction Unit: describe the radiographer's role in obtaining a clinical history, describe the radiographer's role in giving information about a patient's diagnosis, describe the anatomic position, discuss 4 body planes, describe the interiliac plane and occlusal plane, describe body cavities and general anatomy contained in each, list the 4 quadrants and 9 regions into which the abdomen may be divided, recall surface landmarks, explain 4 body habitus types and how it affects a patient's anatomy, regarding osteology, state how many and the purpose of bones in the skeleton, differentiate between the appendicular and axial skeleton, describe bone composition, describe details of blood vessels and nerves entering and exit bones, describe ossification, including intermembranous and endochondral types, list distinguishing characteristics in the shape of long bones, short bones, flat bones and irregular bones.
- Chest and Abdomen Unit: discuss appropriate patient preparation, recall patient positioning, demonstrate the central ray placement on each radiograph, describe the source-to-image receptor distance (SID) used on each procedure, list and select appropriate image receptor (IR) sizes, describe patient breathing instructions, explain anatomy visualized, identify radiographs of each procedure accurately, evaluate radiographs for accuracy and acceptability.
- Upper Extremity Unit: discuss appropriate patient preparation, recall patient positioning, demonstrate the central ray placement on each radiograph, describe the source-to-image receptor (SID) used on each procedure, list and select appropriate image receptor (IR) sizes, describe patient breathing instructions, explain anatomy visualized, identify radiographs of each procedure accurately.
- Shoulder Girdle Unit: discuss appropriate patient preparation, recall patient positioning, demonstrate the central ray placement on each radiograph, describe the source-to-image receptor distance (SID) used on each procedure, list and select appropriate image receptor (IR) sizes, describe patient breathing instructions, explain anatomy visualized.

- Lower Extremity Unit: discuss appropriate patient preparation, recall patient positioning, demonstrate the central ray placement on each radiograph, describe the source-to-image receptor distance (SID) used on each procedure, list and select appropriate image receptor (IR) sizes, describe patient breathing instructions, explain anatomy visualized, identify radiographs of each procedure accurately, evaluate radiographs for accuracy and acceptability, give the purpose for the exam.

Communication Plan

Example language:


- I will respond to email within [insert your timeline]. I will offer feedback on major assignments within [insert your timeline]. The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.
- In this course I will be posting interactive announcements which will offer specific opportunities for class questions and extra credit every other week.
- Additionally, I will be participating in the discussion forums with you to share my perspective within the discipline and to offer some nuances of interpretation that may not be present in your textbook.
- Lastly, we'll be holding small group Q & A sessions, where we can learn from our peers (and faculty) on some of the more difficult units within the course.

Required Text or Materials

Title: Merrill's Atlas of Radiographic Positions and Radiologic Procedures

Authors: Phillip W. Ballinger/Eugene Frank

Edition: 15th Edition with workbook

For more information on textbook accessibility, contact Accessibility & Disability Services at 

Brief Description of Assignments/Exams

Tests and Quizzes. As per the Student Handbook, tests must be taken on the day assigned at the designated time. In the event the student will miss an exam, they must call or e-mail the instructor PRIOR to the designated test start time. Phone messages are acceptable. IF THE STUDENT DOES NOT CALL OR E-MAIL PRIOR TO THE TEST START TIME, the student must take the test with an automatic 50% deduction.

Assignments. Each assignment has a specific due date as noted on the course schedule. Late assignments will not be accepted. Assignment descriptions are found on Canvas. Workbook assignments can be found under the course schedule.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Shoulder Girdle Anatomy Practice Quiz	Assignment	0
	Shoulder Girdle Anatomy Practice Quiz	Assignment	0
	Shoulder Girdle Anatomy Practice Quiz	Assignment	0
	Shoulder Girdle Anatomy Practice Quiz	Quiz	0

Due Date	Assignment Name	Assignment Type	Points
	Shoulder Girdle Procedures Practice Quiz	Assignment	0
	Shoulder Girdle Procedures Practice Quiz	Assignment	0
	Shoulder Girdle Procedures Practice Quiz	Quiz	0
9/4	Workbook 1 (Terminology)	Assignment	100
9/4	Test 1 - Introduction Unit	Quiz	70
9/25	Workbook 2 (CXR & ABD)	Assignment	100
9/25	Test 2 - Soft Tissue Neck, Chest and Abdomen Anatomy and Procedures	Quiz	64
10/16	Workbook 3 (Upper Ext)	Assignment	100
10/16	Test 3 - Upper Extremity Anatomy and Procedures	Quiz	63
10/30	Workbook 4 (Shld Girdle)	Assignment	100
10/30	Test 4 - Shoulder Girdle Anatomy and Procedure	Quiz	57

Due Date	Assignment Name	Assignment Type	Points
11/20	Workbook 5 (Lower Ext)	Assignment	100
11/20	Test 5 - Lower Extremity Anatomy and Procedures	Quiz	75
12/4	Test 6 - Comprehensive Final	Quiz	100

Grading Scale

Grading:

95-100 A	75-77 C
90-94 A-	71-74 C-
87-89 B+	67-70 D+
83-86 B	64-66 D
80-82 B-	Below 64 E
78-79 C+	

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities,

academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)