McLennan COMMUNITY COLLEGE

WACO, TEXAS

COURSE SYLLABUS

AND

INSTRUCTOR PLAN

Intermediate Radiographic Procedures

RADRL 2301_04

Deborah Quinn, BSHS, R.T.(R)

NOTE: This is a 16 week course

COVID 19 Notice:

McLennan Community College is committed to providing you with every resource you need to reach your academic goals including your safety. We will continue to monitor the evolving situation with COVID 19 and adjust our safety guidelines to make sure we offer a safe environment for you and our faculty. Please make sure to consult your faculty and the MCC website at https://www.mclennan.edu/crisis-management/coronavirus-updates/index.html on any changes to these guidelines.

Course Description:
Continues the study of the proper manipulation of radiographic equipment, positioning and alignment of the anatomical structure and equipment, and evaluation of images for proper demonstration of intermediate anatomy and related pathology. Semester Hours 3 (2 lec/4 lab)

Prerequisites and/or Corequisites:

RADR_2301-Intermed Rad Procedures (required)

Course Notes and Instructor Recommendations:
Concurrent enrollment in other prescribed radiologic courses

Instructor Information:
Deborah Quinn, BSHS, RT(R)
dquinn@mclennan.edu
254-299-8305
CSC-C117
Office Hours: Posted

Required Text & Materials:
Title: Textbook of Radiographic Postitioning and Related Anatomy (2018)
Author: Lampignano, John P., Kendrick, Leslie E.
Edition: 10th
Publisher: Mosby-Elsevier
ISBN: 978-0-323-95367-2
Title: Textbook of Radiographic Positioning and Related Anatomy Workbook (2021)
Author: Lampignano, John P., Kendrick, Leslie E.
Edition: 10th
Publisher: Mosby-Elsevier
ISBN: 978-0-323-69423-0

MCC Bookstore Website: http://www.mclennan.edu/bookstore/

Methods of Teaching and Learning:

Lecture, collaborative groups, group projects, lab exercises, portfolio, written reports/papers, exams, quizzes, simulations, workbook exercises power point presentations.

- Students will be required to role-play as a professional radiographer and a patient during lab experiences. This role-play will involve professional physical contact with other students and the instructor while learning various radiographic procedures, blood pressures, pulse, respirations, patient transfer scenarios, and venipuncture.
- ***Campus Closure Alternative Plan***
  - ***In the event campus closes for face-to-face class, this course will be adapted to online activities with the possibility of a few small group meetings in lab if warranted by instructors and allowed by campus administration. Students will be assigned to small groups of less than 8 (including the instructor) when attending in-person meetings.***

Course Objectives and/or Competencies:

The student will define radiographic positioning terms; manipulate equipment properly; position and align anatomical structure and equipment; and evaluate images of proper demonstration of anatomy and pathology. Students will demonstrate understanding of procedures related to radiography of the course outline.

After completion of all lectures, presentations, homework and reading assignments the student will be able to:

1. Relate and demonstrate positioning nomenclature.
2. Perform in order all steps for positioning of various parts of the body.
3. On given radiographs, utilize proper evaluation criteria to determine if an image is acceptable or unacceptable. If unacceptable, give major reason why it is not.
4. Identify structures or radiographs as shown in all positions.
5. Provide proper radiation protection for all projection taken.

6. State the most common IR size and proper placement of IR for all exams.

7. Demonstrate proper central ray location for all exams.
8. Employ proper breathing technique on all positions and exams.
9. Choose proper degree of angulation and direction of central ray for various exams.

Course Outline or Schedule:

Positioning Lab	Spring 2022
January 10th	
C-Spine	AP, Lateral, Open Mouth Odontoid
	Obliques, posterior & anterior
January 17th	
C-Spine	Ap Dens, Fuch's, Swuimmer's flexion/extension, CTL
T-Spine	T-spine, AP/Lat Obliques
January 24th	
Lab Practice for C&T spine	Students to perform C&T spines with obliques
January 31st	Lab Challenge
February 7th	
L-Spine	Ap, Lateral, Obliques Anterior & posterior
	L-5 S-1 Spot
	AP R&L bending, flexion & extension
February 14th	
Sacrum & Coccyx	AP Sacrum, Combined Sacrum/Coccyx Lat.
	Separate coccyx/sacrum lateral
	SI Joints
February 21th	Review Complete Spine Positions & Catch Up
February 28th	Lab Challenges
March 7-11	Spring Break
March 14th	
Skull	AP, PA, AP Axial(Towne's)
	Lateral, SMV,PA (Haas)
	Ap trauma-15 cephalic
	Lateral cross table
	Trauma AP Axial Towne
March 21st	
Facial Bones	Water's, PA Caldwell,Pa Modified Water's
	Lateral
March 28th	
Sinuses	Pa Caldwell,Waters, SMV,Open Mouth Water's, Lateral
	Open Mouth Water's, Lateral
April 4th	Lab Challenges
April 11th	
Ribs	Ap & PA Ribs, above & below diaphragm
	Anterior and Posterior obliques
Sternum	Sternum
	Lateral, RAO breathing & expiration

***Instructor reserves the right to modify schedule as needed with reasonable notification.

***Campus Closed**

March 7-12,2022 Spring Break

April 15, 2022 Good Friday

Course Grading Information:

Your grade in this course will be based upon your performance in the following areas: 3 Lab Challenge exercises over content of the RADR 2301 semester.

TASK PERCENTAGE OF COURSE GRADE

1. The plan is to have 3 different lab challenge exercises which will be evenly divided and is 100% of the total grade for this course. This grade will be entered into and is 30% of the Intermediate Procedures grade.
2. Lab Challenge X 3 = 100% of grade for this course.

The course grade will be applied to the following scale:

90% - 100%	A
80% - 89%	B
75% - 79%	C
60% - 74%	D
59% or less	F

REMEMBER: This is an RT course -- C is the minimum acceptable grade

Lab Attendance/Absences/Tardiness:

Lab is a time for students to enhance classroom positioning procedures in a hands on environment. Lab attendance will be documented using the E*Value log. Students are to

log into E*Value just as they would clinical and record their lab attendance. Due to time constraints, it is imperative that students make every effort to attend their assigned lab time. If a student must be absent from lab, a makeup time must be scheduled within one week of the absence, otherwise, a 20 point deduction will be deducted from the final lab grade. They student may contact their lab instructor to reschedule at time when same material would be covered. This must be taken care of within one week of the absence. Lab make-up times are at the discretion of the lab instructor and the Procedures instructor. Points will still be deducted even though a makeup time has been arranged. Failing to makeup a lab within the allotted time or at all will result in a 10 point deduction from their final lab grade.
If a student must be absent the day of a scheduled lab challenge, with prior notification to the instructor, a make up day can be arranged but will still result in a 5 point reschedule deduction from the final class grade. Failure to notify the instructor will result in a zero for that lab challenge with no allowances for make up times.

******Minimum Grade Expectation**
The Radiologic Technology program coursework is designed to provide students with a structured comprehensive curriculum that prepares them for a career ias a professional health care provider. It is imperative that students develop and maintain a stron knowledge base of course material nad competencies to be successful.
Therefore, the minimum grade expectation of all coursework and assessments in this course is to achieve an 80% or higer. Students that do not achieve the minimum grade of 80% will be required to compete an activity of remediation assigned by the instructor immediately following. The activity requirements will vary as they will be customized according to factors sucha sthe students' needs, the purpose of the assignment, its content, etc., and the instructor will maintain all records of completion. Students that fail to complete the required remediation activities will receive and "Incomplete" "I" grade for the course, regardless of overall passing grade point average, ujntil all work is submitted. An "Incomplete" "I" in any course must be resolved prior to the start of the following semester or the resulting grade will convert to an "F" and the student will not pass the course.

Absence from lab will affect the students' grade in the following manner:

- **2 points will be deducted from the final lab grade for each late arrival to lab**
- **5 points will be deducted for each absence that is rescheduled**
- **10 points will be deducted for each absence that is not made up or rescheduled**

Student Behavioral Expectations or Conduct Policy:

Students are expected to maintain classroom decorum that includes respect for other students and the instructor, prompt and regular attendance, and an attitude that seeks to take full advantage of the education oppourtunity. Students in the program are adults and are expected to act appropriately. Behavior that is direspctufl or disruptive will not be tolerate; the student will be asked to leave the class. Each occurrence will be documented and may result in counseling from the insteuctor and program director. If inappropriate behavior continues, a report will be filed with the Grievance Committee in Student Development.

Dosimeter Records

Instadose dosimeters are assigned at the beginning of the student's program year for the duration of the 24 month program. Each month, the reading will be electronically downloaded as a permanent exposure record for each student. An app is available for this purpose or other electronic transfers can be arranged if needed. The student will wear their dosimeter at the collar level when attending clinical and procedures lab. Proper care of the dosimeter is the responsibility of the student. Dosimeters can be permanently damaged if not cared for properly.

- Proper care includes:
    - Do not allow dosimeter to overheat by leaving in a hot car.
    - Do not immerse dosimeter in water.
    - Do not allow dosimeter to freeze.

A lost or damaged dosimeter must be reported immediately to the clinical coordinator or the program director for replacement at the student's expense.

Click Here for the MCC Attendance/Absences Policy
(https://www.mclennan.edu/highlander-guide/policies.html)
Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.

McLennan COMMUNITY COLLEGE

ACADEMIC RESOURCES/POLICIES

Accommodations/ADA Statement:
Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit www.mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu
254-299-8122
Room 319, Student Services Center

Title IX:
We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the Title IX Coordinator at titleix@mclennan.edu or by calling Dr. Drew Canham (Chief of Staff for Diversity, Equity & Inclusion/Title IX) at (254) 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC at (254) 299-8210. The MCC Student Counseling Center is a confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting http://www.lighthouse-services.com/mclennan/.

Go to McLennan's Title IX webpage at www.mclennan.edu/titleix/. It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

Student Support/Resources:
MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at http://www.mclennan.edu/campus-resource-guide/

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Students may visit the Completion Center Monday-Friday from 8 a.m.-5 p.m. to schedule a meeting with a Success Coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff based on household size. Text (254) 870-7573 to schedule a pantry appointment. The Completion Center and pantry are located on the Second Floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:
Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html to find out more about the emergency grant. The application can be found at https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf.

MCC Academic Integrity Statement:
Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating.

Minimum System Requirements to Utilize MCC's D2L|Brightspace:
Go to https://www.mclennan.edu/center-for-teaching-and-learning/Faculty-and-Staff-Commons/requirements.html for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Minimum Technical Skills:
Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:
In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

Email Policy:
McLennan Community College would like to remind you of the policy (http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are expected to read and, if needed, respond in a timely manner to college emails.

Instructional Uses of Email:
Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

Email on Mobile Devices:
The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email Helpdesk@mclennan.edu for help.

Forwarding Emails:
You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

Disclaimer:
The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.