



TENTATIVE—SUBJECT TO CHANGE

RADT 1030 Radiographic Procedures 1
COURSE SYLLABUS
Fall Semester 2019

COURSE INFORMATION

Credit Hours/Minutes: 3/3750

Campus/Class Location: Vidalia Campus Room 743

Class Meets: Thursdays 8:00am-1:00pm, and during scheduled Laboratory times.

Course Reference Number (CRN): 20160

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Mr. Keegan Spell R.T. (R)(MR) ARRT

Office Location: 708

Office Hours: Mondays 10:00a - 12:00p, 1:00p – 5:00p & Thursdays 3:00pm-5:00pm by appointment

Email Address: kspell@southeasterntech.edu

Phone: 912-538-3112

Fax Number: 912-538-3106

Tutoring Hours: Mondays 10:00a - 12:00p, 1:00p – 5:00p & Thursdays 3:00pm-5:00pm by appointment

SOUTHEASTERN TECHNICAL COLLEGE'S (STC) CATALOG AND HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php) (<http://www.southeasterntech.edu/student-affairs/catalog-handbook.php>).

REQUIRED TEXT

Bontrager's Textbook of Radiographic Positioning and Related Anatomy, 9th Edition. ISBN: 978-0-323-39966-1

Workbook for Textbook of Radiographic Positioning and Related Anat., 9th Edition. ISBN: 978-0-323-48187-8

Bontrager's Handbook of Radiographic Positioning and Techniques, 9th Edition. ISBN: 978-0-323-48525-8

REQUIRED SUPPLIES & SOFTWARE

Pen, pencil, highlighter, notebook, paper

Students should not share login credentials with others and should change passwords periodically to maintain security.

COURSE DESCRIPTION

Introduces the knowledge required to perform radiologic procedures applicable to the human anatomy.

Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate

the application of theoretical principles and concepts.

MAJOR COURSE COMPETENCIES

Major course competencies include: introduction to radiographic procedures; positioning terminology; positioning considerations; procedures, anatomy, and topographical anatomy related to body cavities, bony thorax, upper extremities, shoulder girdle, and lower extremities.

PREREQUISITE(S)

Program Admission, BIOL 2114 and BIOL 2114L

COURSE OUTLINE

1.0 Anatomy and routine projections of the chest and abdomen cavities, upper extremity, shoulder girdle and bony thorax

	Description	Learning Domain	Level of Learning
1.1	Describe the anatomy of the thoracic cavity and bony thorax in terms of structure visualized and function demonstrated.	Cognitive	Knowledge
1.2	The student will discuss routine and special projections/positions of the thoracic cavity and bony thorax in terms of structures visualized, functions demonstrated, and general positioning considerations	Cognitive	Comprehension
1.3	The student will explain structures visualized, functions demonstrated, and general positioning considerations when given clinical simulations for routine and special projections of the abdominopelvic cavity.	Cognitive	Comprehension
1.4	The student will apply knowledge of radiographic procedures related to the thoracic cavity and bony thorax via performance in a laboratory environment.	Psychomotor	Mechanism
1.5	The student will evaluate the accuracy of positioning, image quality and anatomical structures visualized on radiographic images.	Cognitive	Evaluation
1.6	Describe the anatomy of the abdominopelvic cavity in terms of structure visualized and function demonstrated.	Cognitive	Knowledge
1.7	Describe routine and special projections/positions of the abdominopelvic cavity in terms of structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
1.8	The student will explain structures visualized, functions demonstrated, and general positioning considerations when given clinical simulations for routine and special projections of the abdominopelvic cavity	Cognitive	Comprehension
1.9	The student apply knowledge of radiographic procedures related to abdominopelvic cavity via performance in a laboratory environment.	Psychomotor	Mechanism
1.10	The student will evaluate the accuracy of positioning, image quality and anatomical structures visualized on radiographic images.	Cognitive	Evaluation
1.11	Describe the anatomy of the upper extremities in terms of structure visualized and function demonstrated.	Cognitive	Knowledge

	Description	Learning Domain	Level of Learning
1.12	The student will describe routine and special projections/positions of the upper extremities in terms of structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
1.13	In a laboratory environment perform radiographic procedures related to the upper extremities.	Psychomotor	Guided Response
1.14	Evaluate radiographic images in terms of positioning accuracy, image quality, and anatomical structures visualized.	Psychomotor	Evaluation
1.15	Describe the anatomy of the shoulder girdle in terms of structure visualized and function demonstrated.	Cognitive	Knowledge
1.16	Describe routine and special projection/positions of the shoulder girdle in terms of structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
1.17	The student will explain structures visualized, functions demonstrated, and general positioning considerations when given clinical simulations for routine and special projections of the shoulder girdle.	Cognitive	Comprehension
1.18	The student will perform radiographic procedures related to the shoulder girdle in a laboratory environment.	Psychomotor	Guided Response
1.19	Evaluate radiographs in terms of positioning accuracy, image quality, and anatomical structures visualized.	Cognitive	Evaluation

2.0 Anatomy and routine projections of the lower extremities

	Description	Learning Domain	Level of Learning
2.1	Describe the anatomy of the lower extremities in terms of structures visualized and function demonstrated.	Cognitive	Knowledge
2.2	Describe routine and special projections/positions of the lower extremities in terms of structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
2.3	The student will explain the structures visualized, functions demonstrated, and the general positioning considerations involved clinical simulations for routine and special projection/positions of the lower extremities.	Cognitive	Comprehension
2.4	The student will perform radiographic procedures related to the lower extremities laboratory environment.	Psychomotor	Guided Response
2.5	The student will evaluate radiographic images in terms of positioning accuracy, image quality, and anatomical structures visualized	Cognitive	Evaluation

3.0 Introduction to radiographic procedures

	Description	Learning Domain	Level of Learning
3.1	The student will identify the patient using information on the	Cognitive	Knowledge

	Description	Learning Domain	Level of Learning
	requisition form.		
3.2	The student will determine patient's identity by checking the wrist band or questioning the patient.	Cognitive	Application
3.3	The student will chart patient information on the requisition form using knowledge of medical terminology.	Cognitive	Application
3.4	The student will assess the radiographic requisition form to verify the accuracy and completeness of information.	Cognitive	Evaluation

4.0 Positioning terminology

	Description	Learning Domain	Level of Learning
4.1	The student will define position and projection and the terms used to describe radiographic positioning.	Cognitive	Knowledge
4.2	The student will describe various positioning aid applications and their advantages/disadvantages	Cognitive	Knowledge
4.3	The student will describe the function and application of various accessory equipment.	Cognitive	Knowledge
4.4	The student will demonstrate the use of calipers.	Psychomotor	Guided Response
4.5	The student will discuss lead marker functions, types, and applications.	Cognitive	Comprehension

5.0 Pathology of chest, abdomen, bony thorax, upper and lower extremities and shoulder girdle

	Description	Learning Domain	Level of Learning
5.2	Describe the clinical indications for the chest, abdominopelvic regions, bony thorax, upper extremity, shoulder girdle and lower extremity	Cognitive	Comprehension
5.2	Identify which clinical indications are additive and destructive	Cognitive	Knowledge
5.3	Adapt technical factors and exposure considerations for the pathology indicated for the chest and abdominopelvic regions, bony thorax, upper extremity, shoulder girdle and lower extremity.	Cognitive	Synthesis
5.4	Evaluate radiographic images of the pathology indicated for the chest and abdominopelvic regions, bony thorax, upper extremity, shoulder girdle, and lower extremity.	Cognitive	Evaluation

6.0 Positioning considerations

	Description	Learning Domain	Level of Learning
6.1	The student will discuss general positioning considerations for radiographic procedures.	Cognitive	Comprehension
6.2	The student will describe general positioning considerations, given clinical simulations for various radiographic procedures.	Cognitive	Comprehension

GENERAL EDUCATION CORE COMPETENCIES

Southeastern Technical College has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS

Students are required to abide by all of the policies, rules, and regulations of Southeastern Technical College, as published in the *STC Online Catalog and Handbook*. STC Catalog and Student Handbook Related Policies and Procedures are found online at: <http://www.southeasterntech.edu>

Students are expected to complete all reading, tests, and daily assignments (workbooks, handouts, & projection sheets) by the specified date.

During RADT 1030, students will be required to: Read the appropriate chapter in the course textbook, complete the required Projection Sheets for the appropriate chapter which are listed on the lesson schedule, and successfully pass both the Chapter Exam and Laboratory Evaluation on the appropriate body area in accordance to the protocol and criteria contained within the course textbook. The workbook is to be utilized as a study tool and will not be graded.

Prior to testing in the laboratory setting, students must earn a grade of 80% or higher on the corresponding Chapter Exam. If a student fails to earn the required 80% or higher, the student will be allowed the opportunity to remediate and re-test over that material. Before a student may re-test, they must complete the required remediation assignment as designated by the course instructor. A student may test a total of 3 times (including 2 re-tests) to earn the required 80% or higher. Each re-test will be given in a different method to properly assess student knowledge. Re-tests will be given following the next assigned class/lecture time.

During the semester, you will be required to schedule (5) sessions in the Radiology Lab to practice your positioning skills. These times must be schedule with the instructor. Each appoint will last for (1) hour and may must contain 2 students. Available days will be following class on Tuesday and Thursday from the hours of 3:00-5:00pm. Failure to meet the required amount of sessions will result in disciplinary action.

Students must successfully pass the Laboratory Evaluation with a score of 80% or higher prior to proving competency on the exam in the clinical setting. If a student fails to earn an 80%, (s)he will be required to repeat the evaluation after a scheduled remediation and laboratory practice with the course instructor. All laboratory evaluations must be passed before clinical participation/competency may be attempted. Students must earn a grade of 80% or greater on Laboratory Evaluations in order to pass the course requirements.

In addition, quizzes are subject to be given on any given day over any assigned material (i.e. reading, workbooks, etc.). Any quizzes missed due to student absence will not be made up.

ATTENDANCE GUIDELINES

It is essential that educational programs meet requirements and standards necessary for successful employment in business and industry. In view of the intensive nature of educational programs, it is necessary for every student to be present and on time every day for all classes as is required in the work environment.

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and also interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of F and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

STUDENTS WILL NOT BE WITHDRAWN BY AN INSTRUCTOR FOR ATTENDANCE; HOWEVER, ALL INSTRUCTORS WILL KEEP RECORDS OF GRADED ASSIGNMENTS AND STUDENT PARTICIPATION IN COURSE ACTIVITIES. THE COMPLETION DATES OF THESE ACTIVITIES WILL BE USED TO DETERMINE A STUDENT'S LAST DATE OF ATTENDANCE IN THE EVENT A STUDENT WITHDRAWS, STOPS ATTENDING, OR RECEIVES AN F IN A COURSE.

ADDITIONAL PROVISIONS

Health Sciences

Requirements for instructional hours within Health Science programs reflect the rules of respective licensure boards and/or accrediting agencies. Therefore, these programs have stringent attendance policies. Each program's attendance policy is published in the program's handbook and/or syllabus which specify the number of allowable absences. All provisions for required make-up work in the classroom or clinical experiences are at the discretion of the instructor.

PROGRAM SPECIFIC ATTENDANCE REQUIREMENTS

In accordance with the general procedure of the school, it is the desire for each student to successfully complete each course in the program. This is necessary to meet graduation requirements. **Regular attendance, punctuality, and responsibility** for class work are three of the most significant factors for success in college. Students are expected to be present, punctual and prepared for every class assignment, and they are expected to seek additional help from the instructors when needed.

Any student who is not present at the beginning of class/lab instruction may not be allowed to enter the classroom until a scheduled break.

Attendance procedures are documented on each course syllabus. Students are responsible to monitor their own record of absences and late arrivals, and should refer to individual course syllabi for specific requirements.

The faculty may consider extenuating circumstances related to absences on a case by case basis.

Extenuating Circumstances are unforeseen accidents, illness/deaths in the immediate family or personal illness which requires you to be absent from class or clinical. Vacations, weddings, non-emergent doctor appointments, studying for an exam, child care issues, job interviews and working at your job, etc., are not considered extenuating circumstances as these are not unforeseen events. Students wishing to claim extenuating circumstances may be asked to provide documentation of the condition which led to absenteeism. The presence of extenuating circumstances does not guarantee that a student will be exempted from attendance procedures.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: Macy Gay (mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210
Vidalia Campus: Helen Thomas (hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements with the appropriate campus coordinator.

Swainsboro Campus: Macy Gay (mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210
Vidalia Campus: Helen Thomas (hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

Remember - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

In this course, which meets 2 days a week for 7 weeks, the maximum number of days a student may miss are 2 days during the semester.

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC.)

Students will be allowed to makeup one test. Any further missed tests will result in a grade of zero. All makeup exams will be given at the discretion of the instructor and accommodations may be made based upon

extenuating circumstances.

CELL PHONE POLICY

Cell phones are not permitted in the classroom or laboratory. Any student caught with a cell phone in the classroom or laboratory in any capacity (texting, talking on or, emailing), whether the phone is on or off, will have 10 points taken off their next chapter (section) exam grade. In the event of an emergency, such as a sick family member or sick child, their calls should be directed to the front desk at 912-538-3117 where a message can be left.

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states that all forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the Southeastern Technical College Catalog and Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

The procedure for dealing with academic misconduct and dishonesty is as follows:

1. First Offense

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

2. Second Offense

Student is given a grade of "WF" (Withdrawn Failing) for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

3. Third Offense

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member, or citizenship status (except in those special circumstances permitted or mandated by law). This nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the

Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

<p>American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer</p>	<p>Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer</p>
<p>Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1st Street, Vidalia Office 165 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu</p>	<p>Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1st Street, Vidalia Office 138B Phone: 912-538-3230 Email: Lanie Jonas ljonas@southeasterntech.edu</p>

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College’s website.

ACCESS TO TECHNOLOGY

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the [Southeastern Technical College \(STC\) Website \(www.southeasterntech.edu\)](http://www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (TCSG) GUARANTEE/WARRANTY STATEMENT

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING POLICY

Assessment/Assignment	Percentage
Chapter Tests	35%
Lab Evaluations	15%
Projection Sheets	15%
Final Exam	20%
Lab Final Exam	15%

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

Course Number and Name
Fall Semester 2019 Lesson Plan

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 1 Thursday 8/15	Chapter 1	<i>Syllabus and lesson plan</i> <i>Cell phone policy</i> <i>STC Policy and Procedures</i> Lecture: <u>Chapter 1</u> – Terminology, Positioning, and Imaging Principles	-Read chapter -Complete associated workbook chapter	RT3, RT4 a-c
Week 2 Thursday 8/22		Chapter 1 Test Lecture: <u>Chapter 2</u> – Chest Lab Demonstration/Practice: Chest	-Read chapter -Complete associated workbook chapter Complete Projection Sheets: AP Trachea (Upper Airway) Lateral Trachea (Upper Airway) PA Chest Lateral Chest PA Oblique Chest (RAO/LAO) AP Oblique Chest (LPO/RPO) AP Chest AP Lordotic Chest (Lindblom Method) AP/PA Lateral Decubitus Chest	RT1, RT5 a-c
Week 3 Thursday 8/29		Lab Demonstration/Practice: Chest Chapter 2 Test Chapter 2 Lab Evaluation	-Read chapter -Complete associated workbook chapter Projection Sheets Due Chapter 2	RT1, RT5 a-c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 4 Thursday 9/5		Lecture: <u>Chapter 3</u> – Abdomen Lab Demonstration/Practice: Abdomen	-Read chapter -Complete associated workbook chapter Complete Projection Sheets: AP Supine Abdomen (KUB) AP Upright Abdomen AP Left Lateral Decubitus Abdomen Lateral Abdomen Dorsal Decubitus Abdomen	RT1, RT5 a-c
Week 5 Thursday 9/12		Lab Demonstration/Practice: Abdomen Chapter 3 Test Chapter 3 Lab Evaluation	-Read chapter -Complete associated workbook chapter Projection Sheets Due Chapter 3	RT1, RT5 a-c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 6 Thursday 9/19		Lecture: <u>Chapter 4</u> – Upper Limb Lab Demonstration/Practice: Upper Limb	-Read chapter -Complete associated workbook chapter Complete Projection Sheets: PA Fingers PA Oblique Fingers Lateral Fingers AP Thumb (Robert Method) PA Oblique Thumb Lateral Thumb PA Hand PA Oblique Hand Lateral Hand (Fan/Extension) PA Wrist PA Oblique Wrist Lateral Wrist Ulnar Deviation Wrist AP Forearm Lateral Forearm AP Elbow Lateral Elbow AP Oblique Elbows (Medial/Lateral)	RT1, RT5 a-c
Week 7 Thursday 9/26		Lab Demonstration/Practice: Upper Limb Chapter 4 Test Chapter 4 Lab Evaluation	-Read chapter -Complete associated workbook chapter Projection Sheets Due Chapter 4	RT1, RT5 a-c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 8 Thursday 10/3		Lecture: <u>Chapter 5</u> – Humerus and Shoulder Girdle Lab Demonstration/Practice: Humerus and Shoulder Girdle	-Read chapter -Complete associated workbook chapter Complete Projection Sheets: AP Humerus Lateral Humerus AP Shoulder (Internal) AP Shoulder (External) AP Shoulder (Neutral) AP Oblique Shoulder (Grashey Method) Transthoracic Shoulder (Lawrence Method) PA Oblique Shoulder (Scapular Y) Bilateral AC Joints (With/Without Weights) AP Clavicle AP Axial Clavicle AP Scapula Lateral Scapula (PA Oblique Position)	RT1, RT5 a-c
Week 9 Thursday 10/10		Lab Demonstration/Practice: Humerus and Shoulder Girdle Chapter 5 Test Chapter 5 Lab Evaluation	-Read chapter -Complete associated workbook chapter Projection Sheets Due Chapter 5	RT1, RT5 a-c

<p>Week 10 Thursday 10/17</p>		<p>Lecture: <u>Chapter 6</u> – Lower Limb</p> <p>Lab Demonstration/Practice: Lower Limb</p>	<p>-Read chapter -Complete associated workbook chapter</p> <p>Complete Projection Sheets: AP/AP Axial Toes AP Oblique Toes Lateral Toes Sesamoids (Lewis and Holly Methods) AP Axial Foot AP Oblique Foot (Medial Rotation) Lateral Foot Plantodorsal Calcaneus Lateral Calcaneus AP Ankle Lateral Ankle AP Oblique Ankle (Medial Rotation) AP Oblique Mortise Ankle AP Tib-Fib (Lower Leg) Lateral Tib-Fib (Lower Leg) AP Knee Lateral Knee AP Weight-Bearing Knee AP Oblique Knee (Medial Rotation) AP Oblique Knee (Lateral Rotation) PA Axial (Holmblad Method) PA Axial (Camp Coventry Method) AP Axial (Beclere Method) PA Patella Lateral Patella</p>	<p>RT3, RT5 a-c</p>
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Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
			Tangential Patella (Hughston Method) Tangential Patella (Merchant Method) Tangential Patella (Settegast Method) AP Femur Lateral Femur	
Week 11 Thursday 10/24		Lab Demonstration/Practice: Lower Limb Chapter 6 Test Chapter 6 Lab Evaluation	-Read chapter -Complete associated workbook chapter Projection Sheets Due Chapter 6	RT3, RT5 a-c
Week 12 Thursday 10/31		Lecture: <u>Chapter 10</u> – Bony Thorax (Sternum and Ribs) Lab Demonstration/Practice: Bony Thorax (Sternum and Ribs)	-Read chapter -Complete associated workbook chapter Complete Projection Sheets: PA Oblique Sternum (RAO) Lateral Sternum PA SC Joints PA Oblique SC Joints (RAO/LAO) PA Upper Anterior Ribs AP Posterior Ribs Axillary Ribs (RPO/LPO) Axillary Ribs (RAO/LAO)	RT2, RT5 a-c
Week 13 Thursday 11/7		No Class		
Week 14 Thursday 11/14		Lab Demonstration/Practice: Bony Thorax (Sternum and Ribs) Chapter 10 Test Chapter 10 Lab Evaluation	-Read chapter -Complete associated workbook chapter Projection Sheets Due Chapter 10	RT2, RT5 a-c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 15 Thursday 11/21		Final Exam Review		RT1-6 a-c
Week 16 Thursday 11/28		Thanksgiving Holiday		
Week 17 Thursday 12/4		Final Exam (10:00 AM) Lab Final Exam (1:00 PM)		RT1-6 a-c

COMPETENCY AREAS:

1. Anatomy and Routine Projections of the Body Trunk, Upper Extremity, and Shoulder Girdle.
2. Anatomy and Routine Projections of the Bony Thorax
3. Anatomy and Routine Projections of the Lower Extremities
4. Introduction to Radiographic Procedures
5. Positioning Terminology
6. Positioning Considerations

GENERAL CORE EDUCATIONAL COMPETENCIES:

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.



RADT 1030 Radiographic Procedures 1
Syllabus Acknowledgement

I _____ have read and understand the syllabus for RADT 1030. I have also been given the opportunity to ask questions to clarify any requirements listed on the syllabi. By signing this agreement, I am acknowledging that I fully understand my requirements and grading criteria that I am responsible for. I agree to follow the guidelines and rules listed on the syllabi.

Print Name

Student Signature

Date