



**RADT 2090 Radiographic Procedures III**  
**COURSE SYLLABUS**  
**Spring Semester 2022**

**COURSE INFORMATION**

Credit Hours/Minutes: 2/3000

Class Location: 743

Class Meets: Tuesday and Thursday/9:00 AM – 3:00 PM (3/09/2021 – 4/29/2021)

Course Reference Number (CRN): 40141

**INSTRUCTOR CONTACT INFORMATION**

Instructor Name: Tara W. Powell

Office Location: 714

Office Hours: Monday 8:00 AM – 12:00 PM

Email Address: [Tara Powell \(tpowell@southeasterntech.edu\)](mailto:tpowell@southeasterntech.edu)

Phone: 912-538-3152

Fax Number: 912-538-3106

Tutoring Hours (if applicable): by appointment

**SOUTHEASTERN TECHNICAL COLLEGE'S (STC) CATALOG AND STUDENT HANDBOOK**

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Student 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, 10<sup>th</sup> Edition. ISBN: 978-0-323-65367-1

Workbook for Textbook of Radiographic Positioning and Related Anat., 10<sup>th</sup> Edition. ISBN: 978-0323-69423-0

Bontrager's Handbook of Radiographic Positioning and Techniques, 10<sup>th</sup> Edition. ISBN: 978-0323-66139-3

**REQUIRED SUPPLIES & SOFTWARE**

Pen, pencil, notebook, paper, radiographic markers, highlighters, notecards

**COURSE DESCRIPTION**

Continues to develop the knowledge required to perform radiographic procedures. Topics include: anatomy and routine projections of the cranium; anatomy and routine projections of the facial bones; anatomy and routine projections of the sinuses; special radiographic procedures, and pathological considerations of the cranium, facial bones, sinuses and special procedures.

**MAJOR COURSE COMPETENCIES**

1. Anatomy and Routine Projections of the Cranium
2. Anatomy and Routine Projections of the Facial Bones
3. Anatomy and Routine Projections of the Sinuses
4. Special Radiographic Procedures

## 5. Pathological Considerations of the Cranium, Facial Bones, Sinuses and Special Procedures

### PREREQUISITE(S)

RADT 1060 Radiographic Procedures II

### COURSE OUTLINE

#### 1. Anatomy and Routine Projections of the Cranium

Order	Description	Learning Domain	Level of Learning
1.1	Describe the anatomy of the cranium in terms of structures visualized and functions demonstrated.	Cognitive	Knowledge
1.2	Describe routine and special projections of the cranium in terms of structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
1.3	Given clinical simulations for routine and special projections of the cranium, explain structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
1.4	In a laboratory environment, perform radiographic procedures related to the cranium.	Psychomotor	Guided Response
1.5	Evaluate cranial positioning accuracy, image quality, and anatomical structures visualized on the image.	Cognitive	Evaluation

#### 2. Anatomy and Routine Projections of the Facial Bones

Order	Description	Learning Domain	Level of Learning
2.1	Describe the anatomy of the facial bones in terms of structures visualized and functions demonstrated.	Cognitive	Knowledge
2.2	Describe routine and special projections of the facial bones in terms of structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
2.3	Explain structures visualized, functions demonstrated, and the general positioning considerations for routine and special projections of the facial bones.	Cognitive	Comprehension
2.4	Perform radiographic procedures related to the facial bones in a laboratory environment.	Psychomotor	Guided Response
2.5	Evaluate facial positioning accuracy, image quality, and anatomical structures visualized on the image.	Cognitive	Evaluation

#### 3. Anatomy and Routine Projections of the Sinuses

Order	Description	Learning Domain	Level of Learning
3.1	Describe the anatomy of the sinuses in terms of structures visualized and functions demonstrated.	Cognitive	Knowledge
3.2	Describe routine and special projections of the sinuses in terms of structures visualized, functions demonstrated, and general positioning considerations.	Cognitive	Knowledge
3.3	Explain structures visualized, functions demonstrated, and the general positioning considerations for routine and special projections of the sinuses.	Cognitive	Comprehension
3.4	Perform radiographic procedures related to the	Cognitive	Guided Response

Order	Description	Learning Domain	Level of Learning
	sinuses in a laboratory environment.		
3.5	Evaluate sinus positioning accuracy, image quality, and anatomical structures visualized on the image.	Cognitive	Evaluation

#### 4. Special Radiographic Procedures

Order	Description	Learning Domain	Level of Learning
4.1	Define terms and phrases related to special procedures to include: a) arthrogram; b) endoscopic retrograde cholangiopancreatogram (ERCP); c) myelogram; d) surgical cholangiogram; and e) hysterosalpingogram	Cognitive	Knowledge
4.2	Discuss the indications and contraindications for the following procedures to include: a) Arthrogram; b) endoscopic retrograde cholangiopancreatogram (ERCP); c) myelogram; d) surgical cholangiogram; and e) hysterosalpingogram.	Cognitive	Comprehension
4.3	Discuss imaging, equipment, and supplies used for the following procedures to include: a) arthrogram; b) endoscopic retrograde cholangiopancreatogram (ERCP); c) myelogram; d) surgical cholangiogram; and e) hysterosalpingogram.	Cognitive	Comprehension
4.4	Explain various minor radiographic procedures; describe the contrast medium utilized in terms of type, administration method, and quantity.	Cognitive	Comprehension
4.5	Describe the preparation and post-procedural care for each minor radiographic procedure, inclusive of adverse reactions.	Cognitive	Knowledge
4.6	Identify the type of procedure performed, anatomy visualized, and any indicated pathology given specific images.	Cognitive	Knowledge
4.7	Describe radiographer's role during each minor procedure.	Cognitive	Knowledge
4.8	Define terms and phrases related to special procedures to include: a) arthrogram; b) endoscopic retrograde cholangiopancreatogram (ERCP); c) myelogram; d) surgical cholangiogram; and e) hysterosalpingogram	Cognitive	Knowledge

#### 5. Pathological Considerations

Order	Description	Learning Domain	Level of Learning
5.1	Describe the clinical indications for the cranium, facial bones, sinuses, and special radiographic procedures.	Cognitive	Knowledge
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 cranium, facial bones, sinuses, and special radiographic procedures.	Cognitive	Synthesis

Order	Description	Learning Domain	Level of Learning
5.4	Evaluate radiographic images of the pathology indicated for the cranium, facial bones, sinuses, and special radiographic procedures	Cognitive	Evaluation

### 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 to complete all reading, tests, and assignments by the specified date. Students should prepare for class by reading the corresponding chapter prior to the class lecture and positioning demonstration laboratory. A Chapter test average of 70% or above for the Chapter test must be obtained in order to take the final exam. Grades will not be rounded so, a 69.9% will not be accepted for meeting final exam requirements.

#### *Laboratory Evaluations*

Laboratory evaluations will be completed for the Cranium. Students are required to pass the assigned positions/procedures in the laboratory on the appropriate body area in accordance with the protocol and criteria contained within the course textbook.

The Laboratory evaluation must be successfully passed with a score of 80% or higher before the student can attempt the competency in clinic that corresponds with the laboratory evaluation. If the student fails to earn the required 80%, the initial grade is recorded and (s) he will be required to perform remediation practice in the laboratory. A second laboratory evaluation will be permitted and must be passed at 80%.

If the student does not successfully pass the second laboratory evaluation with the required 80%, the Program Director and Clinical Coordinator will counsel the student. The student will complete a remediation plan with the assistance of the program faculty and a third laboratory evaluation will be scheduled with the program faculty. The student must pass the third laboratory evaluation with 80%. If the student does not pass the third laboratory evaluation, an inability to perform the projections/positions has been demonstrated and the student will be dismissed from the program.

#### *Article Summary assignment*

An article summary is a required assignment for RADT 2090. The student will be given an article from the American Society of Radiologic Technology journal. The student will be required to read and write an article summary of the assigned article. The student should utilize the following article summary requirements to write the summary.

1. Utilize APA format of writing.
  - Title page
  - Double spaced
  - 12 font, Times New Roman
  - Utilize page numbers on the top right of each page except the title page.
2. The summary should be a minimum of 4 full pages.

3. The summary should have an introduction, summary of article (body of article summary), and conclusion paragraph.
4. The summary should cover all main concepts and points. This should be accomplished by utilizing the article heading and subheadings to guide your summary. Write your summary in your own words, except for quotations. When using quotations use the correct punctuation.
5. Express the underlying meaning of the article, not just the superficial details.

## **ARTICLE SUMMARY FORMAT**

### ***TITLE PAGE***

- Running Head: THE NAME OF THE ARTICLE (this should be on the first page; all subsequent pages should only have THE NAME OF THE ARTICLE at the top left).
- Name of Article (Mid page)
- Student Name
- Class (RADT 1200 Principles of Radiation Biology and Protection)
- Date

### ***INTRODUCTION***

Start with a summary or overview of the article, which includes the author's name, and the title of the article. Finish with a thesis statement that states the main idea(s) of the article. This should be at least a paragraph.

### ***BODY PARAGRAPHS (SUMMARY OF ARTICLE)***

The number of paragraphs in your summary depends on the length of the original article. Your summary should be about one-third the length of the original article at minimum. This should be about four pages. Start each body paragraph with a topic sentence. Each paragraph focuses on a separate main idea and just the most important details from the article. Put the ideas from the essay into your own words. Avoid copying phrases and sentences from the article. Use transitional words and phrases to connect ideas.

### ***CONCLUSION***

The conclusion paragraph(s) should solidify the main point(s) of your article summary. The purpose of a concluding paragraph is to wrap up the concentrated gist of your whole summary. This is how you finalize your written work.

**EXAMS: NO GRADES WILL BE DROPPED.** No study guides or test reviews will be given. 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.

Tests will be reviewed to foster student learning. The student will need to first look up any questions regarding a test item in the textbook and if a question remains about the item, the student may email the instructor and/or an appointment can be arranged to discuss any questions during the instructor's office hours. No class time will be spent debating test questions.

### **FINAL EXAMS**

The final exam will be a comprehensive exam over the course material. The student is required to have a 70%-chapter test average to take the final exam. No grades will be rounded and a 69.9% will not be accepted as meeting final exam requirements.

A final Laboratory exam will be given after the written final exam. The Final Laboratory exam will be comprehensive over the projections/procedures covered in the course. The student must have a laboratory evaluation average of 70% to be eligible to take the Final Laboratory exam. The student is required to score no lower than an 80% on the final exam laboratory.

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

Students are allowed to makeup one test. Any further missed test 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. Students who miss any demonstration lab will not be given a make-up demonstration unless the absence is an approved extenuating circumstance. Students are allowed to makeup one missed laboratory evaluation.

*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, childcare 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 that led to absenteeism. The presence of extenuating circumstances does not guarantee that a student will be exempted from attendance procedures.*

*Students are responsible for policies and procedures in the catalog/handbook and Departmental Policies and Procedures. [This could also include safety, academic dishonesty, etc.]*

### **ELECTRONIC DEVICE POLICY**

To enhance student learning, cell phones or tablets may be utilized during class if the instructor utilizes this type of technology. Otherwise, Cell phones, recording devices, lap top computers, etc. are not permitted in the classroom or laboratory. Any student with an electronic device in the classroom or laboratory in any capacity (texting, talking on or, recording, emailing), whether the device is on or off, will have 10 points taken off their next chapter test 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.

### **COVID-19 MASK REQUIREMENT**

Regardless of vaccination status, students are highly encouraged to wear masks or face coverings while in a classroom or lab at Southeastern Technical College. Masking may be implemented in some program areas (i.e., Health Sciences and Cosmetology) where students, faculty, and clients are in close proximity and social distancing cannot be maintained. This measure is being implemented to reduce COVID-19 related health risks for everyone engaged in the educational process. Masks or face coverings must be worn over the nose and mouth, in accordance with the Centers for Disease Control and Prevention (CDC).

### **COVID-19 SIGNS AND SYMPTOMS**

We encourage individuals to monitor for the signs and symptoms of COVID-19 prior to coming on campus.

If you have experienced the symptoms listed below or have a body temperature 100.4°F or higher, we encourage you to self-quarantine at home and contact a primary care physician's office, local urgent care facility, or health department for further direction. Please notify your instructor(s) by email and do not come on campus for any reason.

<b>COVID-19 Key Symptoms</b>
Fever or felt feverish

<b>COVID-19 Key Symptoms</b>
Chills
Shortness of breath or difficulty breathing (not attributed to any other health condition)
Fatigue
Muscle or body aches
Headache
New loss of taste or smell
Sore throat (not attributed to any other health condition)
Congestion or runny nose (not attributed to any other health condition)
Nausea or vomiting
Diarrhea
<b>In the past 14 days, if you:</b>
Have had close contact with or are caring for an individual diagnosed with COVID-19 at home (not in healthcare setting), please do not come on campus and contact your instructor (s).

### **COVID-19 SELF-REPORTING REQUIREMENT**

Students, regardless of vaccination status, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using <https://www.southeasterntech.edu/covid-19/>. Report all positive cases of COVID-19 to your instructor and [Stephannie Waters](mailto:swaters@southeasterntech.edu), Exposure Control Coordinator, [swaters@southeasterntech.edu](mailto:swaters@southeasterntech.edu), 912-538-3195.

### **ATTENDANCE GUIDELINES**

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 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" (Failing 0–59) 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.

Attendance is counted from the first scheduled class meeting of each semester. To receive credit for a course a student must attend at least 90% of the scheduled instructional time. All work missed due to tardiness or absences must be made up at the convenience of the instructor. Any student attending less than the required scheduled instructional time (90%) may be dropped from the course as stated below in the Withdrawal Procedure.

Tardy means arriving after the scheduled time for instruction to begin. Early departure means leaving before the end of the scheduled time. Three (3) tardies or early departures equal one (1) absence for the course.

**In this course, which meets 2 days a week for 7.5 weeks the maximum number of days a student may miss are 1.5 days during the semester.**

## **ADDITIONAL ATTENDANCE 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.

Any student attending less than the required scheduled instructional time (90%) may be dropped from the course as stated below in the Withdrawal Procedure.

## **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: [Daphne Scott \(dscott@southeasterntech.edu\)](mailto:dscott@southeasterntech.edu) 478-289-2274, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas \(hthomas@southeasterntech.edu\)](mailto: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: [Daphne Scott \(dscott@southeasterntech.edu\)](mailto:dscott@southeasterntech.edu) 478-289-2274, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas \(hthomas@southeasterntech.edu\)](mailto: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% point of the term in which student is enrolled (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" (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Students who are dropped from courses due to attendance after drop/add until the 65% point of the semester will receive a "W" for the course.



Important – Student-initiated withdrawals are not allowed after the 65% point. Only instructors can drop students after the 65% point for violating the attendance procedure of the course. Students who are dropped from courses due to attendance after the 65% point will receive either a “WP” (Withdrawn Passing) or “WF” (Withdrawn Failing) for the semester.

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

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. A grade of “W” will count in attempted hour calculations for the purpose of Financial Aid.

### **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**

As set forth in the student catalog, Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

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

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

### 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 Test	50%
Lab Evaluations	5%
Article Summary	15%
Final Exam	25%
Final Lab Exam	5%
	100%

### GRADING SCALE

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



## RADT 2090 Radiographic Procedures III Spring Semester 2022 Lesson Plan

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
<b>Week 1</b> March 8	Chapter 11	Syllabus review Cranium Anatomy	Bontrager pp. 379 - 391	1,2,5 a,b,c
March 10	Chapter 11	Facial Bones Anatomy Paranasal Sinus Anatomy	Bontrager pp. 392 – 404	1,2,5 A,b,c
<b>Week 2</b> March 15	Chapter 11	<b>TEST</b> – Cranium, Facial Bones, and Paranasal Sinus Anatomy  Clinical Indications of Cranium Clinical Indications of Facial Bones and Paranasal Sinuses Radiographic Positioning Considerations of Cranium	Bontrager pp. 379 – 404  Bontrager pp. 405 – 407 Bontrager pp. 408- 412	2,3,5 a,b,c
March 17	Chapter 11	Laboratory – Demonstration of Skull Series and Special Projections  Laboratory Practice time	Bontrager pp. 416 – 421	2,3,5 a,b,c
<b>Week 3</b> March 22	Chapter 11	Laboratory – Demonstration of Facial Bones, Nasal Bones, Orbits  Laboratory Practice time	Bontrager pp. 422 – 427 Merrill’s Handout for Orbit Positioning	2,3,5 a,b,c
March 24	Chapter 11	<b>TEST</b> – Skull, Facial Bones, Nasal Bones, and Orbits positioning  <b>Laboratory Evaluation</b> – Skull Series, Facial Bones, Nasal Bones, Orbits	Bontrager pp. 416 – 427 Merrill’s Handout for Orbit Positioning	2,3,5 a,b,c
<b>Week 4</b> March 29	Chapter 11	Lecture & Laboratory – Demonstration of Mandible, TMJs, zygomatic arches, and Paranasal sinuses  Laboratory Practice time	Bontrager pp. 428 - 444	4,5 A,b,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
March 31	Chapter 11	<b>Laboratory Practice/Study Time –</b> Mandible, TMJs, Zygomatic Arches, and Paranasal Sinuses	Bontrager pp. 428 - 444	4,5 A,b,c
April 4-7		<b>Spring Break – No Class</b>		
<b>Week 5</b> April 12	Chapter 15	<b>TEST -</b> Mandible, TMJs, Zygomatic Arches, and Paranasal sinuses positioning  <b>Laboratory Evaluations -</b> Mandible, TMJs, Zygomatic Arches, and Paranasal sinuses	Bontrager pp. 428 – 444	4,5 A,b,c
April 14	Chapter 15	Lecture – Trauma, Mobile, and Surgical Radiography  Trauma Positioning Lab	Bontrager pp. 567 – 617  Bontrager pp. 577 - 597	4,5 A,b,c
<b>Week 6</b> April 19	Chapter 15  Chapter 16	<b>TEST –</b> Trauma, Mobile, and Surgical Radiography  Lecture - Pediatric Radiography	Bontrager pp. 567 – 617  Bontrager pp. 620 - 652	4,5 A,b,c
April 21	Chapter 16	<b>TEST –</b> Pediatric Radiography	Bontrager pp. 620 - 652	4,5 A,b,c
<b>Week 7</b> April 26	Chapter 16	<b>Article Summary Due –</b> Submit through BlackBoard  No Class		4,5 A,b,c
April 28		<b>Final Exam (Chapters 11, 15, 16)</b> <b>Final Laboratory Exam</b>	Chapters 11, 15, 16 and Merrill’s Handout on Orbit positioning	1,2,3,4,5 A,b,c

**\*Lesson Plan is subject to change per the discretion of the instructor.**

Revised 03/07/2022

**COMPETENCY AREAS:**

1. Anatomy and Routine Projections of the Cranium
2. Anatomy and Routine Projections of the Facial Bones
3. Anatomy and Routine Projections of the Sinuses

4. Special Radiographic Procedures
5. Pathological 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.



**Southeastern Technical College  
Radiologic Technology Degree Program**

I \_\_\_\_\_ have read and understand the syllabus for RADT 2090. 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