



INSTRUCTIONAL PACKAGE

RAD 210

Radiographic Imaging III

201810

Fall 2018

INSTRUCTIONAL PACKAGE

PART I: COURSE INFORMATION

Effective Term: 201810 Fall 2018

COURSE PREFIX: RAD 210

COURSE TITLE: Radiographic Imaging III

CONTACT HOURS: 3

CREDIT HOURS: 3

RATIONALE FOR THE COURSE: This is an upper level class in which the students will go beyond the boundaries of content specific material and integrate with their clinical experiences.

COURSE DESCRIPTION:

The course provides a detailed study of advanced methods and concepts of imaging. The study of imaging equipment including tomography, fluoroscopy, computer radiography, digital radiography, and the study and performance of quality management techniques (QA & QC), radiology management, ethics, and law will be covered.

PREREQUISITES/CO-REQUISITES: RAD 115

REQUIRED MATERIALS: Textbooks:

- Radiologic Sciences for Technologists, Stewart Bushong, 11th ED.
- Radiographic Imaging and Exposure, Terri Fauber, 4thED, Mosby

Please visit the Bookstore online site for most current textbook information. Use the direct link below to find textbooks.

[BOOKSTORE.](#)

Enter the semester, course prefix, number and section when prompted and you will be linked to the correct textbook.

ADDITIONAL REQUIREMENTS: In addition, image quality, x ray emissions and x ray interactions will be reviewed throughout the semester.

TECHNICAL REQUIREMENTS:

Access to Desire2Learn (D2L), HGTC's student portal for course materials.
WaveNet and D2L email access.

CLASSROOM ETIQUETTE:

Suggested text, delete section if you don't plan to use.

As a matter of courtesy to other students and your professor, **please turn off cell phones** and other communication/entertainment devices before class begins. If you are monitoring for an emergency, please notify your professor prior to class and switch cell phone ringers to vibrate.

As a group we are with each other for a long time and sometimes with familiarity we can become too comfortable with one another and we can display inappropriate behavior. Occasionally, we do not realize it is not appropriate for the classroom setting. Although we have a lot of policy and procedures already to follow, here is a review of proper classroom etiquette as adopted from Dr. Nardo of Ogelthorpe University. Demonstrating the following qualities shows respect for your professor and fellow students. It also upholds the integrity of the classroom.

1. Arrive on time to class.
2. Bring the materials needed for class.
3. ***Turn off cell phones*** and texting devices in class. First incident will result in a warning. A second incident you will be asked to leave the classroom and be charged an absence.
4. Use laptops/computers as it relates to classroom activities only.
5. Create appropriate emails from your wavenet account. Contact Dr. Gleasman at douglas.gleasman@hgtc.edu
6. Be attentive in class.
7. Dress appropriately.
8. Stay the entire class.
9. ***Do the work and avoid excuses/complaints.***
10. ***Use professional language and avoid sarcastic and in appropriate comments.***
11. Take your own notes and do your own work.
12. Avoid asking inappropriate or thoughtless questions. (Example: "What's on the test?", "Can we get out earlier today?")

Abide by the honor and conduct code of HGTC as outlined in the College

Part II: Student Learning Outcomes

COURSE LEARNING OUTCOMES and ASSESSMENTS*:

The course provides the student with background knowledge relating to Tomography, Fluoroscopy, Digital Imaging and QC of digital images. Also the Ethical and legal issues related to Patient Autonomy, Truthfulness and Confidentiality, Health Care Distribution and Diversity. Upon completion of the course the student will be able to:

1. Explain acquisition principles and imaging processes related to tomography, fluoroscopy and digital imaging.
2. List the steps for transference of digital image to display of digital image
3. Explain the physics of digital image capture.
4. Explain the physics of digital image display
5. Describe the types of digital artifacts.
6. Analyze images for their radiographic quality content.
7. Share ethical and legal situations that you have encounter in your student career.
8. Describe ethical and legal dilemmas as they relate to confidentiality, patient autonomy, health care distribution, and diversity

****Students – please refer to the Instructor's Course Information sheet for specific information on assessments and due dates.***

Part III: Grading and Assessment

EVALUATION OF REQUIRED COURSE MEASURES/ARTIFACTS*

Students' performance Questions will be based on knowledge, comprehension, application, analysis and evaluation skills. Most questions will be in a multiple-choice format, although short answer, true and false, matching and diagramming may be incorporated. Students are expected to be forthright and honest in their academic endeavors. Any form of academic dishonesty will be dealt with according to the HGTC's policy on academic dishonesty.

Performance will be assessed and the weight associated with the various measures/artifacts are listed below.

<u>EVALUATION*</u>		<u>Grading Scale: 92-100 = A</u>
Tests	50%	83-91 = B
Quizzes	20%	74-82 = C
Assignments/Homework	5%	65-73 = D
Final Exam	<u>25%</u>	<u>64 and below = F</u>
	100%	

**Students, for the specific number and type of evaluations, please refer to the Instructor's Course Information Sheet.*

GRADING SYSTEM:

State the College's or departmental grading system as delineated in the Catalog. Please note the College adheres to a 10 point grading scale A = 100 – 90, B = 89- 80, C = 79 – 70, D = 69 – 60, F = 59 and below. You must have your Dean's approval if changes in the scale are made.

Any student receiving a grade below 75% on a unit test or a 70% on a quiz will be required to make a **mandatory appointment** with the radiology tutor to review the material which was not well understood on the examination or quiz. If the tutor is not available, the student will meet with the course instructor.

Grades earned in courses impact academic progression and financial aid status. Before withdrawing from a course, be sure to talk with your instructor and financial aid counselor about the implications of that course of action. Ds, Fs, Ws, WFs and Is also negatively impact academic progression and financial aid status.

The Add/Drop Period is the first 5 days of the semester for **full term** classes. Add/Drop periods are shorter for accelerated format courses. Please refer to the academic calendar for deadlines for add/drop ([ACADEMIC CALENDAR](#)). You must attend at least one meeting of all of your classes during that period. If you do not, you will be dropped from the course(s) and your Financial Aid will be reduced accordingly.

Part IV: Attendance

Horry-Georgetown Technical College maintains a general attendance policy requiring students to be present for a minimum of eighty percent (80%) of his or her classes in order to be eligible to receive credit for any course. However, due to the varied nature of courses taught at the College, a more rigid attendance policy may be required by individual instructors. Students at HGTC are responsible for all course work and assignments. Attendance is a must. In this course a student may not exceed more than 2 absences as the

*Radiography Program requires a 90% attendance. An oral warning results after your **first absence**. A **second absence** results in a written warning. A **third absence** results in a final written warning. Any further absences are grounds for dismissal. If a student is absent on the day of a test or quiz, the student must notify the instructor and the Grand Strand testing center within 24 hours to schedule a makeup exam. Make up exams may be administered in several different formats; multiple choice, matching, fill in the blank, short answer or essay. A student who is absent a second time on a test day must present a valid written, dated excuse for the absence in order to make up the test/quiz. A student who is absent from a class prior to an examination on the same day will not be allowed to take the examination on that day and he/she is responsible for contacting the instructor to schedule a make-up examination.

At a minimum, a student may be withdrawn from a course(s) after he or she has been absent in excess of ten percent (10%) of the total contact hours for a course. **Instructors define absentee limits for their class at the beginning of each term; please refer to the Instructor Course Information Sheet.**

Part V: Student Resources

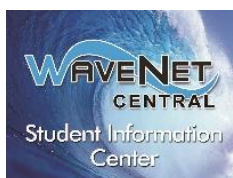


The Student Success and Tutoring Center (SSTC)

The SSTC offers to all students the following **free** resources:

1. **Academic coaches** for most subject areas, **Writing Center Support**, and **college success skills**.
2. **On-line student success and academic support resources**.

Visit the SSTC website: [Student Success & Tutoring Center](#) and visit the student services tab in your WaveNet account to schedule appointments using TutorTrac. For more information, call: SSTC Conway, 349-7872; SSTC Grand Strand, 477-2113; and SSTC Georgetown, 520-1455. Room locations and Live Chat is available on the SSTC website.



Student Information Center: WaveNet Central (WNC)

WNC offers to all students the following **free** resources:

1. **Getting around HGTC**: General information and guidance for enrollment!
2. Use the [Online Resource Center \(ORC\)](#) for COMPASS support, technology education, and online tools.
3. **Drop-in technology support or scheduled training** in the Center or in class.
4. **In-person workshops, online tutorials and more services** are available.

Visit the WNC website: [Wavenet Central](#). Live Chat and Center locations are posted on the website. Or please call one of the following locations: WNC Conway, 349-5182; WNC Grand Strand, 477-2076; and WNC Georgetown, 520-1473.

Disability Services

HGTC is committed to providing an accessible environment for students with disabilities. Inquiries may be directed to Jocelyn Williams, Director of Student Development on the Conway Campus Jaime Davis, Counselor/Advisor on the Georgetown Campus or Kristin Griffin, Counselor on the Grand Strand Campus. These individuals will review documentation of the student's disability and, in a confidential setting with the student, develop an educational accommodation plan.

Note: It is the student's responsibility to self-identify as needing accommodations and to provide acceptable documentation. After a student has self-identified and submitted documentation of a disability, accommodations may be determined, accepted, and provided.

Statement of Equal Opportunity/Non-Discrimination Statement

Horry Georgetown Technical College prohibits discrimination and harassment, including sexual harassment and abuse, on the basis of race, color, gender, national or ethnic origin, age, religion, disability, marital status, veteran status, sexual orientation, gender identity, or pregnancy in educational programs and/or activities.

Title IX Requirements

Horry Georgetown Technical College prohibits the offenses of domestic violence, dating violence, sexual assault, and stalking. Any student who believe he or she has experienced or witnessed discrimination including sexual harassment, domestic violence, dating violence, sexual assault or stalking is encouraged to report such incidents to one of the College's Title IX Coordinators.

*Faculty and Staff are required to report incidents to the Title IX Coordinators when involving students. The only HGTC employees exempt from mandatory reporting are licensed mental health professionals (only as part of their job description such as counseling services).

Inquiries regarding the non-discrimination policies:	
Student and prospective student inquiries concerning Section 504, Title II, and Title IX and their application to the College or any student decision may be directed to the Associate Vice President for Student Affairs.	Employee and applicant inquiries concerning Section 504, Title II, and Title IX and their application to the College may be directed to the Associate Vice President for Human Resources.
Dr. Melissa Batten, AVP Student Affairs <i>Title IX Coordinator</i> Building 1100, Room 107A, Conway Campus PO Box 261966, Conway, SC 29528-6066 843-349-5228 Melissa.Batten@hgtc.edu	Jacquelyne Snyder, AVP Human Resources <i>Section 504, Title II, and Title IX Coordinator</i> Building 200, Room 212A, Conway Campus PO Box 261966, Conway, SC 29528-6066 843-349-5212 Jacquelyne.Snyder@hgtc.edu

***“Ability is what your capable of doing.
Motivation determines what you do
Attitude determines how well you do it”***

Lou Holtz