

ARIZONA WESTERN COLLEGE
SYLLABUS

RAD 110 PATIENT CARE IN IMAGING TECHNOLOGY

Credit Hours: 3 Lec 3

PREREQUISITE: RAD 100

COREQUISITE: RAD 105 and RAD 115 and RAD 120

COURSE DESCRIPTION

The radiographer's role in providing patient care in all patient populations is examined.

1. COURSE GOAL

This course prepares the student to use critical thinking skills to communicate with patients and practice safe patient care. The student will be able to differentiate safe and effective measures in providing patient care during the practice of radiography.

2. OUTCOMES

Upon satisfactory completion of this course, students will be able to:

- 2.1 Describe the responsibility of the radiographer during interactions with patients and other members of the healthcare team.
- 2.2 Demonstrate safe and effective body mechanics when transferring and repositioning patients.
- 2.3 Discuss special considerations applicable to the care of pediatric, geriatric, trauma, physically and/or emotionally challenged patients, and patients with cultural differences.
- 2.4 Identify methods for determining the correct patient for a given procedure.
- 2.5 Obtain and interpret vital signs.
- 2.6 Describe best practices in order to provide medical asepsis before, during, and after radiographic procedures.
- 2.7 Apply appropriate infection control techniques required in the healthcare environment.
- 2.8 Identify selected emergency situations encountered in the healthcare environment and describe appropriate emergency action.
- 2.9 Identify pharmacologic agents commonly encountered while providing patient care in radiology.
- 2.10 Differentiate types of contrast media and associated supplies.
- 2.11 Discuss the radiographer's scope of practice relative to drug and contrast administration.

3. METHODS OF INSTRUCTION

- 3.1 Lecture and discussion
- 3.2 Presentations
- 3.3 Small group activity

4. LEARNING ACTIVITIES

- 4.1 Group discussions
- 4.2 Presentations

5. EVALUATION

- 5.1 Quizzes/Exams
- 5.2 Presentations

5.3 Assignments

5.4 Participation

6. STUDENT RESPONSIBILITIES

6.1 Under AWC Policy, students are expected to attend every session of class in which they are enrolled. Program specific attendance requirements are located in the Radiologic Technology Student Guide.

6.2 If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course. Students who are not attending as of the 45th day of the course may be withdrawn by the instructor. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade.

6.3 Americans with Disabilities Act Accommodations: Arizona Western College provides academic accommodations to students with disabilities through AccessABILITY Resource Services (ARS). ARS provides reasonable and appropriate accommodations to students who have documented disabilities. It is the responsibility of the student to make the ARS Coordinator aware of the need for accommodations in the classroom prior to the beginning of the semester. Students should follow up with their instructors once the semester begins. To make an appointment call the ARS front desk at (928) 344-7674 or ARS Coordinator at (928) 344-7629, in the College Community Center (3C) building, next to Advising.

6.4 Academic Integrity: Any student participating in acts of academic dishonesty—including, but not limited to, copying the work of other students, using unauthorized “crib notes”, plagiarism, stealing tests, or forging an instructor’s signature—will be subject to the procedures and consequences outlined in AWC’s Student Code of Conduct.

6.5 Texts and Notebooks: Students are required to obtain the class materials for the course.

6.6 Arizona Western College students are expected to attend every class session in which they are enrolled. To comply with Federal Financial Aid regulations (34 CFR 668.21), Arizona Western College (AWC) has established an Attendance Verification process for “No Show” reporting during the first 10 days of each semester.

Students who have enrolled but have never attended class may be issued a “No Show” (NS) grade by the professor or instructor and receive a final grade of “NS” on their official academic record. An NS grade may result in a student losing their federal financial aid.

For online classes, *student attendance in an online class is defined as the following* (FSA Handbook, 2012, 5-90):

- Submitting an academic assignment
- Taking an exam, an interactive tutorial or computer-assisted instruction
- Attending a study group that is assigned by the school
- Participating in an online discussion about academic matters
- Initiating contact with a faculty member to ask a question about the academic subject studied in the course