Course Description
RAD 256 Advanced Radiography I
Lec. 0 Lab. 18 Cr. 6
This course includes routine radiographic examinations, as well as advanced procedures, while continuing to build self-confidence in the clinical atmosphere.
Prerequisites: PSY 201, RAD 115, RAD 176, RAD 201.
Corequisites: RAD 205, RAD 210, RAD 103.

Course Focus
This course includes routine radiographic examinations, as well as advanced procedures, while continuing to build self-confidence in the clinical atmosphere.

Required Text and References
Technical College of the Lowcountry Radiologic Technology Student Handbook (current edition)

Course Goals
The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives. (*designates a CRUCIAL goal)

1. screen thoroughly MRI patients
2. value knowledge of radiation protection
*3. evaluate optional injection techniques
*4. monitor possible allergic reactions
5. select pathology topic
*6. verify possible pregnancy
*7. demonstrate cross-sectional anatomy knowledge
*8. demonstrate safe patient care
*9. process required images
10. research pathology topic
11. attempt to perform venipuncture
*12. confirm patient identification
*13. maintain image proper patient identification
*14. maintain safe patient environment
*15. verbalize before exposure taken on mobile x-ray exams
*16. calculate contrast injection rate
*17. calculate injection dosage
18. present pathology topic
*19. set exposure factors
*20. comprehend pre-medication protocols to allergic reactions
*21. know location of emergency supplies
*22. understand principles of ALARA
23. distinguish affiliated clinical CT protocols
24. distinguish CT positioning landmarks
*25. complete required CT competencies

**Student Contributions**

Students will complete any assignments and turn them in to the instructor prior to the start of each class session.

Classes are designed to employ a variety of teaching techniques. In order to maximize learning, required readings are to be completed prior to class. If a student is falling behind in clinical performance and/or academic achievement, it is imperative to seek immediate assistance from the instructor. See course addendum for other considerations.

**Course Evaluation**

It is the student’s responsibility to complete the set number of competency exams assigned by the Clinical Coordinator at the beginning of each respective semester. The number of competencies will be determined, based on the student’s progression in technical factors acquired that particular semester or that are comprehensive from proceeding semesters. The goal is to have the students meet the total required (Mandatory & Elective) competencies set by the ARRT by the end of the program. The students must also enter their competency exams in their clinical notebooks with correct dates, and charting. The clinical notebook is then reviewed, and graded, by the Clinical Coordinator to look for accuracy, and completion of the set number of competencies assigned at the beginning of the semester. Refer to addendum for further grading information pertaining to this course.
COMMON DEDUCTIONS ON CLINICAL FORMS (not limited to)
1 error = grade of 89%
2 errors = grade of 81%
3 errors = failure (competency must be repeated. Failing score and repeat score will be averaged for a final competency grade.

Course Schedule
Class Location: Clinical assignments at the affiliated clinical facilities as assigned by the respective instructor.
Class Time: Monday, Wednesday, or Fridays & Saturdays, with varying 9.5-11 hour shifts, (with 30 minute lunch break). Times as assigned by the clinical coordinator (days, evenings & nights).

COURSE EVALUATION
Clinical Competency Average 45 %
Clinical Progress Evaluations Average 24 %
Presentation 25 %
Record Maintenance (Clinical Notebook) 6 % (all or nothing)
Total 100 %

ADA STATEMENT
The Technical College of the Lowcountry provides access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation, contact the counselor for students with disabilities at (843) 525-8228 during the first ten business days of the academic term.

ATTENDANCE
The College’s statement of policy indicates that students must attend ninety percent of total class hours or they will be in violation of the attendance policy.

1. Students not physically attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.

2. Students taking an online/internet class must sign in and communicate with the instructor within the first ten calendar days from the start of the semester to indicate attendance in the class. Students not attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.

3. Reinstatement requires the signature of the division dean.

   a. In the event it becomes necessary for a student to withdraw from the course OR if a student stops attending class, it is the student’s responsibility to initiate and complete the necessary paperwork. Withdrawing from class may have consequences associated with financial aid and time to completion.
b. When a student exceeds the allowed absences, the student is in violation of the attendance policy. The instructor MUST withdraw the student with a grade of “W”, “WP”, or “WF” depending on the date the student exceeded the allowed absences and the student’s progress up to the last date of attendance

Or

Under extenuating circumstances and at the discretion of the faculty member teaching the class, allow the student to continue in the class and make-up the work. This exception must be documented at the time the allowed absences are exceeded.

d. Absences are counted from the first day of class. There are no "excused" absences. All absences are counted, regardless of the reason for the absence.

4. A student must take the final exam or be excused from the final exam in order to earn a non-withdrawal grade.

5. Students are expected to be in class on time. Arrival to class/clinic after the scheduled start time or leaving class prior to dismissal counts as a tardy. Three tardies and/or early departures are considered as one absence unless stated otherwise. Students must notify the clinical coordinator via phone message PRIOR to their clinical start time and follow proper steps outlined in syllabus addendum and Radiologic Student Handbook depending upon student’s tardiness or being absent from clinic. Failure to do so WILL RESULT IN DISMISSAL FROM THE PROGRAM.

6. It is the student’s responsibility to sign the roll/verify attendance upon entering and exiting the clinical classroom. Failure to sign the roll entering and exiting to verify attendance results in a recorded absence, and may be REASON FOR DISMISSAL FROM THE PROGRAM. In the event of tardiness, it is the student’s responsibility to insure that attendance is marked. The student is responsible for all material/announcements presented, whether present or absent.

7. Continuity of classroom and laboratory (which includes clinical experiences) is essential to the student’s progress in providing safe and competent patient care. Students are expected to use appropriate judgment for participating in clinical activities. To evaluate the student’s knowledge and skills, it is necessary for the student to be present for all clinical experiences. If absence does occur, the Clinical Coordinator must be called @ 843-525-8261, including the Division of Health Sciences Administrative Assistant @ 843-525-8267 no later than 30 minutes prior to the start of the clinical experience.

8. Absences from the clinical area are strongly discouraged. The attendance policy applies to clinical activities. If ALL steps outlined in the syllabus, syllabus addendum, Radiologic Student Handbook, and Division Handbook are not followed, it may result in a “No call, no show” for clinical and is considered unprofessional conduct and the student will be withdrawn from the program.

A copy of TCL’s STATEMENT OF POLICY NUMBER: 3-1-307 CLASS ATTENDANCE (WITHDRAWAL) is on file in the Division Office and in the Learning Resources Center.

*Please refer to the Division Handbook for clarification of the No Call/No Show process.*
Recording Devices / Cell Phones
Students are not allowed to use recording devices during any lectures, lab, or clinical periods. Moreover, students must have cell phones turned off (not on vibrate) during lectures and lab times. If for any reason a cell phone rings or vibrates during lecture or lab, the student will receive a grade reduction per occurrence after the first warning. Students are not allowed to have their cell phone, IPod, or any other electronic device at their clinical rotations. Violation of the rules/requirements listed above will be reason for dismissal from the Radiologic Sciences program.

HAZARDOUS WEATHER
In case weather conditions are so severe that operation of the College may clearly pose a hardship on students and staff traveling to the College, notification of closing will be made through the following radio and television stations: WYKZ 98.7, WGCO 98.3, WGZO 103.1, WFXH 106.1, WWVV 106.9, WLOW 107.9, WGZR 104.9, WFXH 1130 AM, WLVL 101.1, WSOK 1230 AM, WAEV 97.3, WTWC TV, WTGS TV, WJWJ TV, and WSAV TV. Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. www.tcl.edu/textalert.asp

ACADEMIC MISCONDUCT
There is no tolerance at TCL for academic dishonesty and misconduct. The College expects all students to conduct themselves with dignity and to maintain high standards of responsible citizenship.

It is the student’s responsibility to address any questions regarding what might constitute academic misconduct to the course instructor for further clarification.

The College adheres to the Student Code for the South Carolina Technical College System. Copies of the Student Code and Grievance Procedure are provided in the TCL Student Handbook, the Division Office, and the Learning Resources Center.

Health care professionals hold the public trust. Academic misconduct by health science students calls that trust into question and academic integrity is expected.

It is a fundamental requirement that any work presented by students will be their own. Examples of academic misconduct include (but are not limited to):

1. copying the work of another student or allowing another student to copy working papers, printed output, electronic files, quizzes, tests, or assignments.
2. completing the work of another student or allowing another student to complete or contribute to working papers, printed output, electronic files, quizzes, tests, or assignments.
3. viewing another student’s computer screen during a quiz or examination.
4. talking or communicating with another student during a test.
5. violating procedures prescribed by the instructor to protect the integrity of a quiz, test, or assignment.
6. plagiarism in any form, including, but not limited to: copying/pasting from a website, textbook, previously submitted student work, or any instructor-prepared class material; obvious violation of any copyright-protected materials.
7. knowingly aiding a person involved in academic misconduct.
8. providing false information to staff and/or faculty.
9. entering an office unaccompanied by faculty or staff.
10. misuse of electronic devices.

**GRADING POLICY**

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<tr>
<th>Grading scale</th>
<th>W</th>
<th>WP</th>
<th>WF</th>
<th>I</th>
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<tbody>
<tr>
<td>90% - 100% A</td>
<td>withdraw</td>
<td>withdraw with passing grade</td>
<td>withdraw with failing grade</td>
<td>Incomplete</td>
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<tr>
<td>82% - 89% B</td>
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<td>75% - 81% C</td>
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<td>70% - 74% D</td>
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<td>Below 70% F</td>
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**Grading Methodology.** The final grade must be 75.000 or more in order to pass the course and progress in the program. Students absent from an examination or presentation will receive a “0” grade for the examination unless other arrangements are made with the individual instructor prior to the examination or presentation day or on the examination or presentation day before the test/presentation is scheduled to be given. It is the responsibility of the student to contact the appropriate instructor to arrange to make up the examination. Arrangements may be completed by telephone. If the instructor is not available, a message should be left on the instructor’s voice mail AND with another member of the faculty or administrative assistant. The instructor will decide the time and method of make-up examinations on an individual basis. Messages sent by other students are unacceptable. The student is responsible for notifying the instructor for the reason of the absence. Grades are posted on Blackboard within one week of administration of tests and examinations.

**EXPECTATION OF STUDENT TO FULFILL RADIOLOGIC TECHNOLOGY COURSE REQUIREMENTS**

Radiologic Technology students are expected to adhere to all policies outlined in the college catalog/handbook as well as the Radiologic Technology Student Handbook. Violations of any policies are unacceptable. Failure to adhere to college and radiologic technology program policies may constitute dismissal from the program.

**INSTRUCTOR(S):** Glenn M. Levicki, MSRS, R.T. (R) (MR) (CT) (ARRT)

**OFFICE LOCATION:** Building 4 Room 109

**TELEPHONE NUMBER:** 843-525-8276

**E-MAIL:** glevicki@tcl.edu