RAD 142
CT Clinical Practicum
SPRING 2013

Course Description
RAD 280 Advanced Imaging 1
This course provides instruction in the advanced imaging technologies that are unique to the needs of the profession.
Prerequisites: RAD 103, RAD 131, RAD 132, RAD 280, RAD 281
Co requisite: RAD 133, RAD 145, RAD 285
Lec.0 Lab.15 Cr. 5

Course Focus
This course provides the student with hands-on application of clinical skills necessary to become a registered computed tomography technologist in a hospital and/or outpatient environment.

Text and References

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. * Value knowledge of radiation protection
2. Value usage of dosimetry/film badge
3. Monitor possible allergic reactions
4. Observe patient responses
5. Respect documentation needs
6. Select immobilization devices
7. * Verify possible pregnancy
8. Demonstrate appropriate exam supplies
9. Demonstrate cross-sectional anatomy knowledge
10. * Demonstrate safe patient care
11. Process required images
12. Attempt to perform venipuncture
13. * Confirm patient identification
14. Discontinue according to protocol IV contrast
15. Maintain image proper patient identification
16. Maintain safe patient environment
17. Assist performing patient transfer
18. Assist supervising technologist
19. Calculate injection dosage
20. Provide patient comfort
21. Seek necessary assistance
22. Comprehend pre-medication protocols to allergic reactions
23. Identify correct anatomy
24. * Know location of emergency supplies
25. Learn differing modality vocabulary
26. Understand CT table incrementations
27. Distinguish affiliated clinical CT protocols
28. Distinguish CT positioning landmarks
29. Establish rapport with patients
30. Apply protocols for scout CT procedures
31. * Label the bony anatomy
32. Recognize Muscles of the Forearm
33. Identify Joints
34. Identify muscles and tendons
35. Label ligaments of the Fascia
36. Label muscles of the hip & thigh
37. Detect menisci & ligaments
38. Recognize arteries, veins & nerves
39. Learn muscles of the lower leg
40. Know fascia, retinacula & ligaments
41. Learn anatomic positions and planes
42. * Define terminology and landmarks
43. Identify Labrum & Ligaments
44. Recognize Articular joint capsule
45. Demonstrate knowledge of the Bursae

**Student Contributions**

In order to perform at a satisfactory level in the clinical area, students must be prepared, on a daily basis, to conduct themselves in the clinical setting professionally through:

1. Knowledge
2. Attitude
3. Work Ethic
4. Productivity
5. Evaluation
6. Organization
7. Appearance
8. Communication
9. Character
10. Cooperation
11. Team work
12. Critical thinking

Course Evaluation
It is the student’s responsibility to complete the set number of competency exams that are 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 that are acquired that particular semester or that are comprehensive from proceeding semesters.

Grading Methods
50 Points: Student Clinical Competency Average
50 Points: Student Clinical Progress Evaluations Average
Equals 100 total points possible

Course Schedule
Class Location: Clinical assignments are located at the affiliated clinical facilities as assigned by the respective instructor.
Class Time: There is a total of fifteen (15) hours of clinical instruction per week. These required clinical hours may be performed in two seven and one half (7.5) hour sections per week, or may be split into three, (5) five hour sections per week. Students must complete sign-in sheets daily while participating in clinical hours.

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/clinical 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 withdrawal 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
   c. 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. It is the student’s responsibility to sign the roll/verify attendance with instructor upon entering the clinical site. Failure to sign the roll/verify attendance results in a recorded absence. 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.

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 designated clinical site, in addition to the Division of Health Sciences Administrative Assistant, must be notified by telephone no later than 30 minutes prior to the start of the clinical experience. The Division of Health Sciences telephone number is 843-525-8267.
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, and Radiologic Student 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 with a WF.

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.

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, WLHV 101.1, WSOX 1230 AM, WAEV 97.3, WTOC 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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<thead>
<tr>
<th>Grading scale</th>
<th>Grading Methodology</th>
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<tbody>
<tr>
<td>90% - 100% A</td>
<td>Grading Methodology. The final grade must be 75.000 or more in order to pass the course and progress in the program. Grades will not be rounded up. 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.</td>
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<tr>
<td>82% - 89% B</td>
<td>W withdraw</td>
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<tr>
<td>75% - 81% C</td>
<td>WP withdraw with passing grade</td>
</tr>
<tr>
<td>70% - 74% D</td>
<td>WF withdraw with failing grade</td>
</tr>
<tr>
<td>Below 70% F</td>
<td>I Incomplete</td>
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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.

Course Coordinator: Glenn M. Levicki, MSRS, R.T. (R) (MR) (CT) (ARRT)
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