

Technical College of the Lowcountry  
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Beaufort, SC 29901

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**RAD 176**  
**Applied Radiography III**  
**Fall 2018**

**Course Description:**

This course includes clinical education needed for building competence in performing radiographic procedures with in the clinical environment. Prerequisites: RAD 165, RAD 230. Co-requisites: PSY 201, RAD 115, RAD 201.  
6 Cr (0 lec, 0 lab, 6 other)

**Course Focus:**

This course focuses on clinical education and practice needed for building competence in performing radiographic procedures with in the clinical environment.

**Text and References:**

Bontrager, K.L. & Lampignano, J.P. Textbook of Radiographic Positioning and Related Anatomy, (9<sup>th</sup> ed.). St. Louis: Mosby

Bontrager, K.L. & Lampignano, J.P. Handbook of Radiographic Positioning and Techniques, (9<sup>th</sup> ed.). St. Louis: Mosby

Bontrager, K.L. & Lampignano, J.P. Pocket Guide to Radiography (9th ed.). St. Louis; Mosby

Bar Charts as reference guides—Medical Terminology: The Basics, Spanish Medical Conversation, X-ray Tech.

Technical College of the Lowcountry Radiologic Technology Student Handbook and Health Division Handbook (current editions).

**Additional Resources:**

Long, Bruce W., Rollins, Jeannean, H., Smith, Barbara J. (2015). Merrill's Atlas of Radiographic Positioning and Procedures, (13th ed.), St. Louis; Mosby

**RAD 176 Applied Radiography III**  
**Developed: August 2015**  
**Revised: August 2018 ehj Approved: GMLevicki 8/2018**

**FA2018**

**Course Goals:**

Upon completion of this course, the student will have a greater application for the clinical environment and radiologic technology as a profession.

The following list of goals will be addressed in the course. (\*designates a CRUCIAL goal)

1. value dosimetry / film badge usage
2. value knowledge of protection from radiation\*
3. evaluate isolation techniques
4. monitor possible allergic reactions\*
5. monitor printer devices for ordered examinations
6. observe patient responses
7. observe radiographic examinations
8. organize and view radiographs
9. respect documentation needs
10. select appropriate image receptor
11. select immobilization devices
12. verify possibility of pregnancy\*
13. demonstrate alternative positioning knowledge
14. demonstrate appropriate exam supplies
15. demonstrate central ray angulation
16. demonstrate effective aseptic technique
17. demonstrate examination modifications
18. demonstrate facility readiness
19. demonstrate proper immobilization
20. confirm patient identification\*
21. consult supervising radiographer when necessary
22. convey post procedure instructions
23. image post-void radiographs
24. maintain proper patient identification on images\*
25. obtain proper incremented tomographic levels
26. obtain tomographic scout films
27. position central ray perpendicular to image receptor
28. protect patient modesty
29. protect sterile field
30. supply alternative communication methods
31. treat patient respectfully
32. verbalize x-ray exposure before energizing
33. address direct and indirect supervision\*
34. adjust collimation accurately
35. align proper central ray positioning
36. assist patient dressing
37. assist performing patient transfer
38. assist radiologist performing exam
39. assist supervising technologist

40. assist with contrast injection
41. calculate technical factors
42. check patient chart for physician orders\*
43. engage in communication with radiologist
44. identify body habitus
45. identify central ray placement
46. engage in communication with staff
47. illustrate fluoroscopy set-up
48. manipulate Doppler-topic devices
49. manipulate floor shields
50. manipulate portable x-ray equipment
51. manipulate tomographic equipment
52. measure specified tomographic anatomy
53. prepare contrast media
54. present additional markers as needed
55. produce diagnostic images
56. provide correct film markers
57. provide patient comfort
58. provide patient reassurance
59. provide position aids
60. provide projection modification
61. remove visitors from patient areas\*
62. secure patient belongings
63. seek necessary assistance
64. set exposure factors\*
65. use correct OID
66. utilize desired affiliate urethral compression
67. utilize equipment controls
68. utilize equipment locks
69. utilize proper collimation
70. define grid ratios
71. identify correct anatomy
72. identify exposure area
73. identify grid ratios
74. identify patient condition(s)
75. identify various mobile equipment
76. know location of emergency supplies\*
77. appreciate legality of marker placement
78. appreciate reduced OID
79. differentiate projections and appropriate tube angulations
80. distinguish and utilize timed markers
81. distinguish c-arm controls
82. review clinical history
83. review clinical site-specific SOP

84. review with radiologist patient preps
85. apply technique for anatomy measured
86. appreciate use of photo timer
87. collaborate with supervising radiographers
88. complete in a timely manner all images
89. determine appropriate protection devices\*
90. indicate identification marker placement\*

**Student Contributions:**

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 semester or that are comprehensive from preceding semesters. The goal is to have the students meet the total required (Mandatory & Elective) competencies that are 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 by the Clinical Coordinator/Course Instructor, to look for accuracy and completion of the set number of competencies that were assigned at the beginning of the semester.

Clinical Competency Average	25%
Clinical Progress Evaluation Average	30%
Film Critique Presentation	15%
<u>Clinical Final (Review of RAD 130)</u>	<u>30%</u>
Total	100%

**\*When applicable by course & Instructor: During on campus examinations, only answers transferred and completed on Scantron sheets will be graded electronically to count towards the test score.**

**\*During examinations, students must remove watches and place all belongings including electronic devices in the back of the classroom.**

Assignments, worksheets, and course reviews may be available on the Blackboard platform for student completion and review. If an online review is given, TCL utilizes the online test proctoring service **Honorlock**. Each student must meet the requirements for Honorlock to complete any online clinical assignments and/or course reviews.

- **Honorlock Online Proctoring and Technology Requirements**  
TCL uses an online test proctoring service called Honorlock to monitor some online tests as an alternative to in-person proctoring. Your instructor may elect to have some of your tests proctored using Honorlock. If so, you will need to make sure that you have access to the necessary equipment to take your online-proctored tests:
  - A computer with access to a high-speed Internet connection
  - A webcam and microphone. A functioning webcam and microphone are required to complete proctored online tests.
  - Microsoft Office. Microsoft Office can be downloaded for free by accessing the Office 365 link in your TCL email account.

### **Course Schedule:**

**Class Location:** Various clinical locations assigned by the Clinical Coordinator. Students will receive their clinical schedules a minimum of two weeks prior to the start of the clinical rotation.

**Class Time:** Student clinical times for this semester will be based on 3 days a week with 7-hour shifts (lunch included). Clinical hours will vary based on clinical facility volume, accommodation, and student needs. Clinical rotations will be assigned by the clinical coordinator on a fair and equitable basis. Students are not allowed to ask for specific placements and must have adequate transportation to and from all clinical sites within the program.

Clinical Hours/Time can be staggered from the following hours/days:

**Days:** M/W/F – 7:00 am to 8:00 pm

**Evenings:** M/W/F – 2:30 pm to 9:30 pm

**Nights:** F/Sat/Sun – 10:00 pm to 5:00 am or 11:00 pm to 6:00 am

*\*Scheduled clinical hours will not exceed the total 7 hours required per shift assigned.*

*\*Student lunch schedules are limited to a 30-minute time, regardless of the facility. Student's will need to let clinical instructor and/or lead technologist know when taking lunch break.*

### **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.**

### **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.

### **Uniform Policy:**

#### **Requirements of students:**

- **TCL Radiologic Technology Program uniform (TCL school patch on left sleeve)**
- **White Laboratory Coat (TCL patch on left sleeve)**
- **White crew or mock neck short sleeve t-shirt tucked in under uniform top.**
- **\*In the event of visible tattoos, they must be covered during clinical education class.**
- **TCL School Badge, dosimeter badge, and the clinical facility student badge, if the facility allocates one for the student.**
- **White Leather Laced Tennis Shoes**
- **White Socks**
- **Watch with a second hand**
- **Lead markers**
- **Pocket Guide to Radiography**

*In the event a student loses a dosimeter badge or their lead markers, they must notify school officials about the occurrence. Students will not be allowed to attend clinic until the appropriate measures have been taken to complete the process of receiving a new dosimeter badge and/or marker replacement. The clinical time missed will be documented and designated make-up days at the end of the semester will be assigned, not to conflict with the student's final examinations. It is the student's responsibility to notify program officials to complete the process for ordering and shipping a new dosimeter badge. It is the student's responsibility to purchase additional lead markers. Accumulated cost for additional shipping charges in receiving a new badge and/or a set of lead markers will be the responsibility of the student. \*\*Failure to do so obligates the student to settle monies owed with the business office before academic registration for the upcoming semester will take place.*

**STUDENTS NOT IN COMPLIANCE WITH THE UNIFORM POLICY WILL BE  
SUBJECT TO DEDUCTION OF POINTS IN THE CLASS FOR EACH  
OCCURRENCE.**

**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.

**Attendance in an online course is defined by; at least once weekly course access and by completion of assignments as required by the instructor. Each student will be expected to access the web class at least once a week and complete weekly assignments on time. Additional access is encouraged and may be necessary for successful completion of classes.**

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. Students are strongly encouraged to consult with Financial Aid prior to withdrawing from any class, particularly if the student is currently on a warning or probation status.
  - 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. 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 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.
  6. It is the student's responsibility to sign the roll/verify attendance with instructor upon entering the classroom. Failure to sign the roll/verify attendance results in a recorded absence. In the event of tardiness, it is the student’s responsibility to ensure 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 notified via phone message **(843-525-8261)** no later than 30 minutes prior to the student’s clinical start time. The Division of Health Sciences Administrative Assistant must be notified as well 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. **“NO CALL, NO SHOW”** for clinical is unprofessional conduct and **THE STUDENT WILL BE WITHDRAWN FROM THE PROGRAM.**

**\*Please refer to the Division Handbook for clarification of the No Call/No Show process.\***

**In the event that a student will miss a clinical day, or will be late, he/she must:**

1. **Call and leave a message with the Clinical Coordinator and the Division of Health Sciences Administrative Assistant, (at least 30 minutes prior to your start time). The student will leave the following information on the phone message: reason for your absence, the clinical site you are scheduled at, and the phone number where you can be reached. The Clinical Coordinator's number is 843-525-8261. The Administrative Assistant's number is 843-525-8267.**
2. **If these steps are not followed, then the student will fall under the "NO CALL/NO SHOW" category and WILL BE DISMISSED FROM THE PROGRAM.**
- 3.

**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.**

**Clinical Attendance Policy:**

Students are expected to attend all clinical assignments as scheduled. Attendance is required. Three tardies equals 1 absence. A tardy includes being late to clinic or leaving clinic early. Students are expected to be present and on time for all clinical assignments. Any absences from the clinical area will affect the student's clinical education and may affect their grade. Absences and tardies include not being in your assigned area while in clinic.

**\*\*See the attached time sheet documentation located on pages 19-21.**

In case of illness or other emergency, the student must personally notify the clinical coordinator, Mrs. Erika Johnson, and the Health Sciences Division secretary prior to the scheduled clinical period. More than two unexcused absences will result in disciplinary action and may result in termination. *Students will be required to make-up missed clinical time.* Make-up time is scheduled by program faculty. Your make-up time will be scheduled following the last week of your scheduled rotation, **December 5<sup>th</sup> & 7<sup>th</sup> 2018**. Remember: missed clinical time could result in missing graded competency exams the student will need to complete the course.

**All clinical paperwork MUST be turned in to me by December 10th, 2018 at 9:00 a.m.** If the student does not complete their clinical coursework by the last clinical day, they must turn in what they have completed, and grades will be assessed on what was finished. Zeros will be given for any incomplete clinical work.

**Course Assignments:**

Certain classes such as clinical education classes periodically require students to return to the college campus as assigned by the program director, clinical coordinator and/or instructor for radiologic film review. Attendance at an announced film review is mandatory. Students not attending film review will be subject to a grade point reduction for each film review class not attended. The student may also be subject to withdrawal from the program. Clinical record keeping, including but not limited to, the student clinical notebook and radiation dosimeter badges is a vital part of the radiologic technology program. All clinical forms must be completed

accurately and submitted to clinical coordinator as assigned. Failure to accurately keep clinical records and submission of clinical competency and/or evaluation tools within the allotted time may result in a grade point reduction for the class. Radiation dosimeter badges not submitted within the designated time will result in a grade reduction in the class. Clinical assignments must be turned in to the respective program officials or his/her designee at the assigned deadline. Late assignments will not be accepted after the assigned deadline. Any other assignment that is late or incomplete may result in a grade point reduction for the associated course. The clinical coordinator or his/her designee will assign the number of competencies needed at the beginning of each respective semester. This number will be determined, based on the student's individual status regarding progression and competencies required.

To perform at a satisfactory level in the clinical area, students must be prepared to perform daily in the clinical setting through:

- **Knowledge**-demonstrates a thorough knowledge of a patient's condition as it relates to radiologic care.
- **Work Ethic**- arrives and leaves clinical areas as assigned in designated uniform attire.
- **Evaluation**- completes clinical assignments on time and in the prescribed manner by the clinical coordinator and/or clinical instructors.
- **Appearance**- displays appropriate dress, hygiene, appearance and etiquette (hair pulled back and up off shoulders), only wedding band worn on finger, ball or small stud earrings, a watch with second hand, no necklaces, no perfumes or colognes, no artificial or long nails.
- **Character**- displays loyalty, honesty, trustworthiness, dependability, reliability, initiative, and self-responsibility.
- **Attitude**- demonstrates a positive attitude, self-confidence, and realistic expectations of self.
- **Productivity**- follows safety practices, conserves materials, and maintains a neat and safe work environment.
- **Organization**- practices time and stress management, demonstrates ability to be flexible in the clinical environment.
- **Communication**-displays appropriate verbal and non-verbal skills (eye-contact, body language, proper grammar, and listening)
- **Cooperation**- demonstrates leadership skills, accepts constructive criticism, appropriately handles conflicts and complaints, maintains professional and appropriate relationship with supervisors and peers, and follows the chain of command.
- **Critical thinking**-demonstrates the ability to problem-solve independently.

### **Student Contributions:**

1. Attend all classes
2. Come to class prepared
3. Maintain a positive attitude
4. Be enthusiastic

5. Participate in class
6. Ask questions
7. Help fellow classmates

**Completion of Required Clinical Competencies (Mandatory & Elective):**

1. The radiologic technology program requires clinical competencies and may be completed at the discretion of the clinical instructors, adjunct faculty, or program officials any time during the program after the student has completed a successful practical exam grade on that procedure.
2. Once the competency has been initiated by the student or others (stated above), it must be completed in its entirety.
3. Once the competency has been completed and signed by the student and the RT that performed the procedure, the competency **MUST** be faxed to the clinical coordinator instantly, no matter the outcome of the competency (successful or unsuccessful).
4. The student must then get a site educator's signature on the original clinical competency and return the original competency to the clinical coordinator the next day they return to campus. If for some reason the clinical site educator is not present the day that the competency is performed, then the student must leave the competency at the clinical site until the competency is signed by the site educator.
5. If for some reason the site educator is unavailable to sign the competency for an extended amount of time, then the student must make the clinical coordinator aware of the situation for a solution.
6. If for any reason these steps are not followed correctly it may be **GROUND FOR DISMISSAL FROM THE PROGRAM.**

**Clinical Supervision:**

To meet accreditation standards, set forth by the Joint Review Committee on Education in Radiologic Technology (JRCERT), as well as providing proper patient care and operator protection, the following policies applies to student supervision in the clinical setting as well as an energized laboratory setting.

- 1. Students performing imaging procedures must be under direct supervision of a qualified practitioner until the student achieves competency as outlined by TCL Radiologic Technology program policy.**
- 2. Students performing imaging procedures must be under indirect supervision of a qualified practitioner after the student achieves competency as outlined by the TCL Radiologic Technology program policy.**
- 3. Students repeating unsatisfactory radiographs must be under direct supervision of a qualified practitioner regardless of achieved competencies. A repeat identification log is attached to the clinical syllabi to document repeats of radiographs within the**

**clinical setting. Any repeat must be under direct supervision of a qualified practitioner.**

**\*\*See attached the attached repeat log documentation located on page 17.**

Students will also employ radiation safety practices. Students must understand basic radiation safety practices prior to assignment to clinical settings. ***Student must not hold patients or imaging receptors during any radiographic procedure.*** As students' progress in the program, they must become increasingly proficient in the application of radiation safety practices. Students may assist the technologists and medical practitioners during fluoroscopic procedures (examinations include within the department as well as the operating room) as proper radiation standards and guidelines are followed.

**FAILURE TO ADHERE TO THIS POLICY MAY CONSTITUTE GROUNDS FOR DISMISSAL FROM THE RADIOLOGIC TECHNOLOGY PROGRAM**

**Radiologic Technology Classroom/Lab Rules:**

Learning experiences in the radiologic technology lab provide an opportunity for the student to become familiar with equipment and positioning techniques. The student utilizes the radiologic technology lab to assist in the development of clinical skills. Clinical skill, (positioning), must be practiced in the lab before application in the clinical setting for competency evaluation. Competency evaluation may be demonstrated in the radiologic technology lab or clinical setting under supervision from faculty and/or site educators. Students will have designated clinical campus days to practice and review lab skills that are demonstrated in the clinical setting.

1. No food or beverages are allowed near the radiographic equipment or media equipment.
2. Any food products in the Radiologic Technology classroom must be contained. Drinks must have lids. Any unused food or drink must be disposed of properly. No liquid is to be placed in the trash receptacle.
3. All equipment must be returned to its proper place at the end of each laboratory session.
4. Equipment must be handled with care.
5. No equipment is to be "borrowed" or removed from the lab without the permission of the faculty.
6. Each student is responsible for the clean-up of his/her own area in lab.
7. Negligent use of equipment may result in dismissal from the program.

**Recording Devices / Cell Phones**

Students are not allowed to use recording devices during any lectures, lab, or clinical periods. 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, iPad, laptop computers 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.**

**During examinations, students must remove watches and place all belongings including electronic devices in the back of the classroom.**

## **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, WL VH 101.1, WSOK 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. <https://tcl.reggroup.com/signup>

### **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 examinations.
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:**

Grading scale	
90% - 100% A	W withdraw
82% - 89% B	WP withdraw with passing grade
75% - 81% C	WF withdraw with failing grade
70% - 74% D	I Incomplete
Below 70% F	

**Grading Methodology.** The final grade must be 75.000 or more to pass the course successfully and progress in the program. Students absent during didactic coursework must notify the instructor via email and telephone before the absence occurs. **For clinical coursework, the student must follow the clinical call-out policy.** 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. It is the responsibility of the student to contact the appropriate instructor to arrange via email to arrange an appointment to make up the examination. If the instructor is unavailable, arrangements may be completed by telephone. A message should be left on the instructor’s voice mail. It is the instructor’s discretion of time allotted for make-up examinations on an individual basis. Messages sent by other students are unacceptable and will not be involved on the student’s behalf. The student is responsible for notifying the instructor, via email, for the reason of the absence. Grades are distributed to students within one week of administration of tests and examinations. Students are encouraged to make appointments with course instructor for evaluation of individual student performance and tutoring resources.

The *student must* make an appointment with the course instructor if an examination score falls below 75%.

**SAFETY SYLLABUS**

**Purpose:**

**RAD 176 Applied Radiography III**  
**Developed: August 2015**  
**Revised: August 2018 ehj Approved: GMLevicki 8/2018**

**FA2018**

The purpose of this safety addendum is to provide each student with safety guidelines during an incident, emergency, or disaster at TCL. In addition, it provides students guidelines for lockdown procedures, evacuation procedures, and active shooter.

**Definitions:**

**An incident** is any event, potential or actual, that may impact normal operations but has no immediate health or life-threatening consideration or serious effect on the overall functional capacity of the College. An event of this nature should be reported to the Office of the Vice President for Administrative Services. Also notify the off-site campus administrator if applicable.

**An emergency** is any incident, potential or actual, which may endanger life or health or which affects an entire building or buildings, and will disrupt the overall operations of the College. Outside emergency services will probably be required, as well as major efforts from campus support services. Major policy considerations and decisions will usually be required from the college administration during times of crises. An emergency should be reported immediately by directly using **911** if life or health/injury considerations exist and then to the Office of the President or Vice President for Administrative Services as quickly as possible. Also notify the off-site campus administrator if applicable.

**A disaster** is any event or occurrence that has taken place and has seriously impaired or halted the operations of the College. In some cases, mass personnel casualties and severe property damage may be sustained. A coordinated effort of all campus-wide resources is required to effectively control the situation. Outside emergency services will be essential. In all cases of disaster, an Emergency Control Center will be activated, and the appropriate support and operational plans will be executed. The disaster should be immediately reported, first by calling **911** and then to the Office of the President or Vice President for Administrative Services. Also notify the off-site campus administrator if applicable.

**Types of Emergencies:**

- Hurricane
- Tornado
- Fire
- Biochemical or Radiation Spill
- Explosion/Bomb
- Downed Aircraft (crash which directly impacts campus operations)
- Utility Failures
- Violent or criminal behavior
- Psychological Crisis

**Procedures****Active Shooter:**

Run—Hide—Fight Video

<http://www.fbi.gov/about-us/cirg/active-shooter-and-mass-casualty-incidents/run-hide-fight-video>

**Building Evacuation:**

1. Building evacuations occur when an alarm sounds and/or upon notification by Security or the Emergency Director.
2. When the building evacuation alarm is activated during an emergency, individuals should exit according to the building evacuation plan and alert others to do the same.
3. Once outside, individuals should proceed to a clear area that is at least 500 feet away from the affected building. Streets, fire lanes, hydrant areas and walkways should be kept clear for emergency vehicles and personnel.
4. Individuals should not return to an evacuated building unless told to do so by Security or the Emergency Director.
5. Individuals should assist persons with disabilities in exiting the building. Elevators are reserved for disabled persons

**Campus Evacuation:**

1. A uniformed Security Guard, the Emergency Director, or an Emergency Resource Team member will announce evacuation of all or part of the campus grounds.
2. All persons (students and staff) are to immediately vacate the campus, or in the case of a partial evacuation relocate to another part of the campus grounds as directed.

**Lockdown:**

1. Clear the halls
2. Report to the nearest classroom/office
3. Assist those needing special assistance
4. Ensure classroom/office doors are closed and locked
5. Turn off lights
6. Stay away from doors and windows (out of the line of sight)
7. BE QUIET and follow instructor's directions
8. Silence cell phones
9. Wait for the "All Clear" before leaving

Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. <https://tcl.regroup.com/signup>

## **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.**

**CLASS INFORMATION**

**RAD 176 Applied Radiography III**  
**Developed: August 2015**  
**Revised: August 2018 ehj Approved: GMLevicki 8/2018**

**FA2018**




**STUDENT NAME:** \_\_\_\_\_



Technical College of the Lowcountry  
 Radiologic Technology Program  
 Record of Clinical Attendance  
 Fall 2018

Student: \_\_\_\_\_

Semester: \_\_\_\_\_

Clinical Site: \_\_\_\_\_

Course: \_\_\_\_\_

**\*\*Supervising Radiographer's Initials**

Student must check in each day with one of the following individuals:

1. Department Manager
2. Clinical Instructor
3. Chief Technologist

DATE	TIME IN:	*RT Initials	TIME OUT:	*RT Initials	LUNCH (Time In/Out and initialed)	TOTAL CLINICAL HOURS


Supervising Radiographer ***MUST*** place date and time in appropriate spaces. **This form must be turned in by December 10<sup>th</sup>, 2018 to the Clinical Coordinator.** If an absence takes place, please initial with explanation and a signature received by the Clinical Coordinator within 24 hours.



Technical College of the Lowcountry  
 Radiologic Technology Program  
 Record of Clinical Attendance  
 Fall 2018

Student: \_\_\_\_\_

Semester: \_\_\_\_\_

Clinical Site: \_\_\_\_\_

Course: \_\_\_\_\_

**\*\*Supervising Radiographer's Initials**

Student must check in each day with one of the following individuals:

- 4. Department Manager
- 5. Clinical Instructor
- 6. Chief Technologist

DATE	TIME IN:	*RT Initials	TIME OUT:	*RT Initials	LUNCH (Time In/Out and initialed)	TOTAL CLINICAL HOURS


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Student must check in each day with one of the following individuals:

- 7. Department Manager
- 8. Clinical Instructor
- 9. Chief Technologist

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Semester: \_\_\_\_\_

Clinical Site: \_\_\_\_\_

Course: \_\_\_\_\_

**\*\*Supervising Radiographer's Initials**

Student must check in each day with one of the following individuals:

- 10. Department Manager
- 11. Clinical Instructor
- 12. Chief Technologist

DATE	TIME IN:	*RT Initials	TIME OUT:	*RT Initials	LUNCH (Time In/Out and initialed)	TOTAL CLINICAL HOURS



<https://www.tcl.edu/programs/radiologic-technology-associate-of-applied-science/>

and <http://catalog.tcl.edu/>

By signing below, I acknowledge that the course instructor has reviewed the course syllabus with me and that I have been given an opportunity to ask questions and seek clarification. I am also attesting to the fact that I have read the course syllabus for RAD 176 and agree to be held responsible for additional policies and procedures outlined in the student handbooks

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_  
(Please Print)

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Course Instructor: \_\_\_\_\_ Date: \_\_\_\_\_