RADIOLOGICAL SCIENCES

CLINICAL EDUCATION

RADR 1266

El Centro College
DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

COURSE SYLLABUS

5/2013 Revision
Clinical Education - RADR 1266 (2 credit hours 256 hrs.)
Prerequisites: HPRS 2231, HPRS 1204, HPRS 1291, RADR 2213, RADR 1144, RADR 1313, RADR 2301. Must have successfully passed college administered criminal background check and drug screen prior to clinical education.

Course Description: Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

End-of-Course Outcomes: As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

Course Materials:


A student of El Centro College is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer. [THECB TAC Rule 4.218(c)]

Other Required Materials:

- Clinical Binders with Course Syllabus & Program Handbook
- Official El Centro College-Radiologic Science Program ID badge
- Radiation Monitoring device
- Active ONLINE RADSCHOOL account
- Approved program scrubs and black leather shoes (*Refer to handbook-dress code*).
- Electronic signature on the Radiologic Sciences Program Certification and Consent form
- Documentation of health insurance coverage
- Documentation of Mantoux test or chest x-ray showing negative results within the last 12 months
- Documentation of having begun the Hepatitis B Vaccination series.
- Current CPR card for a healthcare provider by the American Heart Association.
- Documentation of payment of campus liability insurance
- Transportation to the assigned clinical site
- Signed *Informed consent and Waiver* release form to allow venipuncture and skin puncture to be performed
- Hair styled so that it is neat and clean. Hair that is past the top of shoulder should be pulled back at all times in clinic. Hair should NOT fall onto face.
- Fingernails should be clean, length not to exceed ¼ inch from fingertip, and well-manicured at all times. Only clear polish is allowed. Artificial nails are NOT permitted.
- Jewelry must be kept to a minimum.
- Only one pair of stud earrings may be worn on the ear lobes. Piercings on other body parts or ear gauges are not permitted in clinical.
- Visible tattoos are NOT permitted in clinical.

Course Objectives/Learning Outcomes:
Upon successful completion of this course, the student will be able to:
1. Perform safe transportation procedures for patients via a stretcher and a wheel chair
2. Sequentially plan and perform radiographic procedures from evaluated examination of the ten (6) content areas.
3. Demonstrate appropriate patient care activities.
4. Complete patient care/patient history report with supervision from approved hospital staff.
5. Work effectively with other members of the healthcare team.
6. Appreciate the need to develop an honorable clinical work environment.
Grading: Final clinical grades are reported at the close of each semester. The minimum passing grade is 85%. A minimum of 85% is required per evaluation.

Standards of Achievement: A “C” average must be maintained in each Radiological Science course. If a student drops below average in any Radiological Sciences Course, he or she will not be allowed to continue in the Radiological Science program due to prerequisites for all other courses.

Grading for RADR 1266 is based on the following criteria:

Objective I
Evaluations (check-off sheets) are required to demonstrate mastery (85% or above) of these Patient Care Procedures:
- Transporting patient by stretcher
- Transporting patient by wheelchair

Objective II
Complete patient care and patient history activities worksheets.

Objective III
- Performance evaluations (85% or above) are required on 8 procedures, 4 mandatory and 4 additional exams.
  
  Mandatory
  1. Routine Chest
  2. Routine Abdomen (KUB)
  3. Upper Extremity
  4. Lower Extremity

  Additional Exams (choose 4 from the following list)
  L. Spine, Cervical, Portable KUB, Pelvis, Portable Chest, Hip
  Alternative Lower Extremity (Different than mandatory exam.)
  Alternative Upper Extremity (Different than mandatory exam.)

Objective IV
Two (2) Clinical Attributes Evaluations. These are completed by the Clinical Instructor at the end of the fourth (4th) and eighth (8th) week. Attribute Evaluations are Pass/Fail. To pass the student must rate a 3 or 4 in every category. Failure of 2 attribute evaluations would result in failing for the semester.

Objective V
Attendance – – More than 2 absences will result in a failing grade even if you have 100% for all other objectives. One (1) absence is excused.

Objective VI
End of Semester Evaluation- This is an evaluation to be filled out at the end of your clinical semester.

<table>
<thead>
<tr>
<th>Objective</th>
<th>Grade</th>
<th>Pt. value</th>
<th>Points Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Evaluations (4 required &amp; 4 additional from list)</td>
<td>&gt;85</td>
<td>7 pts. each evaluation</td>
<td>56 pts. total</td>
</tr>
<tr>
<td>2 Clinical Attribute Evaluations</td>
<td>Pass</td>
<td>8 pts. each</td>
<td>16 pts. total</td>
</tr>
<tr>
<td>Transporting Stretcher &amp; Wheelchair</td>
<td>&gt;85</td>
<td>10 pts.</td>
<td>20 pts. total</td>
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<tr>
<td>End of Semester Evaluation</td>
<td></td>
<td></td>
<td>3 pts. total</td>
</tr>
<tr>
<td>Patient History Worksheet</td>
<td>&gt;85</td>
<td>5pts</td>
<td>5 pts. total</td>
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Attendance
-10pts on 2nd absence, -10pts on 3rd absence

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<thead>
<tr>
<th></th>
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<th>TOTAL</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>100 pts.</td>
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Grading:
F=79≤
D=Failed 84-80%
C= Completion of all objectives with 85-89%
B= Completion of all objectives with 90-94%
A= Completion of all objectives with 95-100%

Duplication of procedures within a semester does not count toward a grade on your (24) evaluations (i.e. 2 Routine Chests). However, a chest requested supine or AP (varying from routine procedure) and a standard PA Chest would each count. Students are expected to do a varied selection of competencies.

If the student obtains less than the minimum required exams for a grade of “C” indicated above, the student will be unsuccessful in completing the requirements for program completion. The transcript grade will reflect the letter grade of the percentage they earned in this course.

**Performance Evaluations Categories:** Students graduating from the El Centro College Radiological Sciences program are required to complete the core clinical competencies as stipulated by the American Registry of Radiologic Technologists. A list of these competencies is provided for you. The procedures to be accomplished for this semester will be from the categories listed above in objective I.

Disclaimer:
The provisions contained in this syllabus do not constitute a contract between the student and El Centro College. These provisions may be changed at the discretion of the Coordinator/Instructor. When necessary, appropriate notice of such changes will be given to the student.

The instructor-of-record may provide additional information to enhance the course to meet the needs of the enrolled students, provided that the enhancements do not conflict with the official course syllabus.

[General institutional policies](#)
[Course-related institutional policies](#)