

Montgomery County Community College
RAD 224
Clinical Education V
4-0-20

COURSE DESCRIPTION:

As the last of the clinical education series, students will be completing their clinical competency examinations and will have the opportunity to rotate to various specialty

results will be submitted to the Associate Vice President of Academic Affairs. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria.*

SEQUENCE OF TOPICS:

According to the American Registry of Radiologic Technologists (ARRT), students must demonstrate competency in all 36 mandatory procedures. Procedures should be performed on patients whenever possible, but up to eight mandatory procedures may be simulated if demonstration on patients is not feasible. Students must also demonstrate competence in 15 of the 34 *elective procedures. Elective procedures should be performed on patients whenever possible, but electives may be simulated if demonstration on patients is not feasible.

Based on the topics presented in RAD 111,121 and 221, Students will be required to achieve a minimum of 14 competencies this semester. Any competencies from the previous semesters that are required for the total may also be attempted. For Clinical Education V, students will be required to complete the mandatory competencies from the first 4 semesters in Clinical Education and Procedures. Students will also be responsible for completing a total of 4 Random Re-Comps at the direction of the clinical instructor or clinical coordinator. Students rotating through special areas will be evaluated on their patient care skills and affective behavior during those rotations. A maximum of 4 weeks may be spent in a specials area during this semester.

The list of mandatory and elective* competencies are as follows and should be used as the guideline for this semester objective completion:

1. Facial Bones*
2. Nasal Bones*
3. Paranasal Sinuses*
4. Skull*
5. Temporomandibular Joints*
6. Orbits*
7. Mandible*
8. Soft Tissue Neck*
9. Esophagus Study*
10. Upper GI Series*
11. Small Bowel Series*
12. Contrast Enema*
13. Hysterosalpingography*
14. Myelography*
15. ERCP*
16. Arthrography*
17. Cystography/Cystourethrography*
18. C-arm Procedure requiring manipulation around a sterile field
19. C-arm Procedure to obtain more than one projection
20. Chest, Routine
21. Pediatric Chest

68. Geriatric Upper or Lower Extremity
69. Geriatric Hip or Spine

LEARNING MATERIALS:

Text:

Long, Curtis, and Smith, (2023) *Pocket Guide to Radiography* (15th ed.). St. Louis, MO: Mosby Publishing Inc.

Other learning materials may be required and made available directly to the student and/or via the _____ and/or course management system.

COURSE APPROVAL:

Prepared by: Debra J. Poelhuis, M.S., R.T	Date: 5/2004
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VPAA/Provost Compliance Verification: Dr. John C. Flynn, Jr.	Date: 9/11/2009
Revised by: Debra Poelhuis, R.T., M.S.	Date: 10/26/2012
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