

RADT 224

Radiography Seminar

3 Credits

Community College of Baltimore County Common Course Outline

Description

RADT 224 – Radiography Seminar: a course in which students prepare for graduation and entry into the Radiography profession. Through experience and application of knowledge, students demonstrate proficiency in professionalism and competency in academic subjects. Methods include discussions on medical-legal and ethical issues, performance improvement projects, resume crafting, mock interviews with local HR and clinical partners, and instruction on applying for the American Registry of Radiologic Technologists (ARRT) primary certification exam in Radiography and the State of Maryland Board of Physicians' licensure for Radiography. Students prepare for the national exam by completing mock Registry tests and by attending a local Registry Review seminar sponsored by the Maryland Society of Radiologic Technologists. 3 credit hours: 4 lecture hours per week; 10 weeks. Offered spring semester.

Pre-requisites: RADT 221

Co-requisites: RADT 223, RADT 225

Overall Course Objectives

Upon completion of this course, students will be able to:

1. discuss professional and legal standards by describing how each relates to radiography practice;
2. prepare a legitimate resume to seek an entry-level position as a radiographer;
3. participate in mock interviews conducted by local Human Resource and clinical personnel;
4. implement a Performance Improvement study following The Joint Commission standards in a radiology department by identifying the issue, collecting and analyzing data, drawing conclusions, and reporting results;
5. illustrate the special needs of a culturally-diverse patient population by preparing a poster presentation;
6. define the elements necessary for informed consent and for a valid malpractice claim;
7. summarize the Service Learning experience and how it relates to the health professions;
8. prepare applications for the American Registry of Radiologic Technologists (ARRT) primary certification exam and for the State of Maryland's Board of Physicians licensure;
9. discuss the ethics portion of the ARRT eligibility process and the criminal background check required by the State;
10. articulate concerns in job hunting and in starting a professional career; and

11. assess the major topics covered in the Radiography program in preparation for the ARRT Registry exam.

Major Topics

- I. Legal Aspects of Healthcare and Medical Imaging
- II. Professional and Legal Standards
- III. Malpractice
- IV. Informed Consent
- V. Resume Preparation
- VI. Employment Interviewing
- VII. Performance Improvement
- VIII. Cultural Diversity
- IX. Service Learning
- X. ARRT Application
- XI. State of Maryland Application
- XII. ARRT Ethics
- XIII. Job Hunting
- XIV. Preparation for Professional Employment
- XV. ARRT Registry Exam
 - a. Preparation
 - b. Mock quizzes and exams
- XVI. Review of Program Material
 - a. Patient care
 - b. Positioning and procedures
 - c. Imaging equipment
 - d. Image production and processing
 - e. Radiation protection
 - f. Radiobiology
 - g. Radiographic pathology

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- 4 Discussion Board Assignments
- 1 Resume Assignment
- 1 Mock Interview
- 1 Poster Presentation
- 1 Paper
- 10 Mock Quizzes
- 4 Mock Registry Exams
- Participate in the Maryland Society of Radiologic Technologists' Registry Review Seminar

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

Other Course Information

The American Registry of Radiologic Technologists (ARRT) has established a minimum scaled passing score of 75%. The Radiography program has developed standards of grading that are consistent with grading systems of other programs. Letter grades will be distributed according to the following standards:

92 -100 A

83 -91 B

75 -82 C

65 -74 D

Below 65 F

This course is a required course in the AAS Radiography program within the Medical Imaging Department. All RADT courses must be passed with a grade of C or better.

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