

RADT 223

Radiographic Pathology

1 Credit

Community College of Baltimore County Common Course Outline

Description

RADT 223 – Radiographic Pathology: a course in which students are introduced to the concepts of disease. Pathology and disease, as they relate to various radiographic procedures, are discussed. Topics include terminology, morphological classifications of disease for each body system, the role of radiology/medical imaging in the diagnosis and treatment of diseases, and alterations in standard imaging procedures. 1 credit hour: 4 lecture hours per week; 4 weeks. Offered spring semester.

Pre-requisites: RADT 221

Co-requisites: RADT 224, RADT 225

Overall Course Objectives

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

1. define terms related to pathology;
2. discuss manifestations of pathological conditions and their relevance to radiologic procedures;
3. describe the morphological classifications of disease for each of the systemic classifications of disease, describe etiology, examples and site, complications and prognosis;
4. explain the role of radiology/medical imaging in the diagnosis and treatment of diseases discussed in each of the systemic classifications;
5. recognize pathology that requires an alteration in standard imaging procedures;
6. assess the appropriateness of ordered radiology/medical imaging exams; and
7. provide appropriate assistance in exam interpretation.

Major Topics

- I. Definitions
- II. Pathological conditions
- III. Morphological classifications of disease
- IV. Systematic classifications
- V. Alteration in standard imaging procedures
- VI. Exam appropriateness and ordering
- VII. Assistance in exam interpretation

Course Requirements

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

- 4 Discussion Board Assignments
- 6 Quizzes
- 1 Case Study
- 1 Cumulative Final Exam

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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