

Common Course Outline

RTTT 204

Clinical Oncology II

3 Credits

The Community College of Baltimore County

Description

Clinical Oncology II continues the development and definition of malignant and abnormal pathology. Tumor development, grading, and staging systems are presented as well as tumor clarification systems. Modalities and rationale of clinical treatment and disease are presented. The epidemiology, etiology, detection, diagnosis, patient condition, treatment and prognosis of neoplastic disease will be presented, discussed, and evaluated in relationship to histology, anatomical site, and patterns of metastasis.

3 credits; 3 lecture hours; 0 laboratory hours required.

Prerequisite: RTTT 202

Overall Course Objectives

Upon completion of this course the student will be able to:

1. assess epidemiology and etiologic information;
2. describe the observable clinical presentation of disease associated with each anatomical site;
3. discuss the clinical presentation for each anatomical site;
4. discuss epidemiologic and etiologic information pertinent to each neoplastic site;
5. explain detection, diagnosis, grading and staging systems for each neoplastic site;
6. describe the common etiology, signs and symptoms, diagnostic tests, typical course and management of the common diseases and disorders of the body systems;
7. propose appropriate diagnostic tests based upon symptoms;
8. identify common tests used to diagnose disease;
9. discuss the role of radiation therapy in the management of oncology emergencies;
10. compare clinical case studies with published studies;
11. discuss the clinical presentation for each anatomical neoplastic site;
12. compare the characteristics of site-specific tumors; and
13. determine the prognostic factors in order of importance for specific cancers.

Major Topics

Neoplasms of:

I. Skin

II. Head and Neck

III. Central Nervous System

IV. Breast

V. Hematological

VI. Lung

VII. Gastrointestinal

VIII. Urinary and Male Genitalia
IX. Gynecological
X. Soft Tissue and Bone

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty members, but will include the following:

1. Case presentation
2. A minimum of at least two exams