

Common Course Outline
RTTT 103
Diagnostic Sectional Anatomy
2 Credits
The Community College of Baltimore County

Description

Diagnostic Sectional Anatomy explores sectional anatomy via diagrams and radiologic images. Encompassed are different diagnostic modalities to include equipment functionality, types of units and image production.

2 credits; 2 lecture hours; 0 laboratory hours required.

Prerequisite: ENGL 052 or LVE2 or LVE3 and RDNG 052

Overall Course Objectives

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

1. Differentiate between sagittal, coronal and axial planes of the body
2. Identify topographical anatomy used to locate underlying internal structures
3. Review the principles of imaging for imaging modalities
4. Compare the imaging modalities for application to therapy
5. Identify normal anatomical structures on sectional images in all modalities covered
6. Identify the differences in image production of the various modalities
7. Identify the major components of the various units

Major Topics

1. Anatomical planes of the body
2. Topographical anatomy
3. CT
4. MRI
5. Ultrasound
6. Nuclear Medicine

Course Requirements

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

1. Class participation
2. A minimum of at least two exams