

MASTER SYLLABUS

COURSE NUMBER AND TITLE:

RAD 410-10 Radiation Therapy Clinical Internship I

COURSE DESCRIPTION

This is the first clinical internship of a two-course sequence. A practicum at a selected clinical education center in which the student functions under direct supervision and applies the knowledge gained in the classroom. The student will function in the clinical setting to interpret and execute the radiation oncologist's orders and operate the ionizing radiation equipment during actual patient treatments and simulations. Construction of treatment aids will also be performed. Prerequisite: A grade of "C" or better in RAD 360, 370, 380, 390, and 400.

COURSE OBJECTIVES

1. Demonstrate competence in the following procedures: Patient Care, Simulation procedures, Dosimetry, Treatment accessories, radiation treatments, quality assurance procedures, and billing and coding procedures
2. Demonstrate an understanding in brachytherapy procedures.

COURSE OUTLINE:

1. Simulation.
2. Dosimetry.
3. Beam Modification Devices.
4. General Patient Care.

GRADING

A = 100 - 93
B = 92 - 85
C = 84 - 77
D = 76 - 70
F = 70 and below

REQUIRED TEXT AND MATERIALS

No new textbooks are required for this course, however, a review book will be recommended. A student will need to have access to the Internet as Desire2Learn will be used.