

MASTER SYLLABUS

COURSE NO., HOURS, AND TITLE:

RAD 447 (10 Hrs.) – Cardiac-Interventional Clinical I

COURSE DESCRIPTION:

Scheduled clinical time at an affiliated clinical site to perform competency-based examinations. Students will also be required to take call as well. Direct supervision is provided by the hosting facility staff. This experience will give students the confidence and insight needed to perform as autonomous technologist upon graduation of the program. Prerequisite: RAD 407, RAD 417, RAD 427 and RAD 437, as well as concurrent enrollment in RAD 457 Restricted to Cardiac-Interventional Radiography students only.

PREREQUISITES TO:

RAD 467 & RAD 477

COURSE OBJECTIVES:

1. Demonstrate competency in the following procedures: patient care, cardiac output calculations, hemoximetry, shunt detection, pulmonary angiography, hemodynamics, valve measurement, right ventriculography, coronary angiography, coronary artery bypass graft angiography, aortography, hemodynamics, left ventriculography and ventricular volume measurement/ejection fraction.
2. Demonstrate a competency in ancillary/elective procedures.

TOPICAL OUTLINE:

I	Clinical Observation	100%
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TEXTBOOKS:

Required:

None