

# CVIS Cardiovascular/ Interven

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**CVIS 3001 Cardiovascular Interventional Sciences I****6 Credit Hours. 6 Lecture Hours. 4 Lab Hours.**

Introduction to field of cardiovascular interventional science, imaging, and equipment. This includes diagnostic and treatment methods, application of specific equipment and devices, contrast media, and technology utilized in the diagnosis and treatment of cardiovascular disease.

**CVIS 3001L Cardiovas Interven Scien I Lab****0 Credit Hours. 0 Lecture Hours. 4 Lab Hours.****CVIS 3002 Cardiovascular Interventional Sciences II****6 Credit Hours. 6 Lecture Hours. 3 Lab Hours.**

Caring for the invasive, percutaneous, cardiovascular patient. Includes monitoring essentials and managing medical emergencies associated with the cardiovascular procedures.

**Prerequisite(s):** A minimum grade of "C" in CVIS 3001.**CVIS 3002L Cariova Inter Sciences II Lab****0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.****CVIS 3003 Physiologic Monitoring and Recording****4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.**

The advanced identification and interpretation of ECGs and hemodynamics and cardiac function.

**Prerequisite(s):** A minimum grade of "C" in CVIS 3002.**CVIS 3100 Introduction to Cardiovascular Interventional Clinical Education****1 Credit Hour. 1 Lecture Hour. 0-18 Lab Hours.**

Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.

**Prerequisite(s):** A minimum grade of "C" in CVIS 3001.**Corequisite(s):** CVIS 3002.**CVIS 4101 Cardiovascular Interventional Clinical Education I****5 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.**

Supervised clinical experience in cardiovascular/ interventional procedures.

**Prerequisite(s):** A minimum grade of "C" in CVIS 3100 and DDTS 3001.**CVIS 4102 Cardiovascular Interventional Clinical Education II****8 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.**

Supervised clinical experience in cardiovascular/ interventional procedures.

**Prerequisite(s):** A minimum grade of "C" in CVIS 4101.**CVIS 4103 Cardiovascular Interventional Clinical Education III****9 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.**

Supervised clinical experience in cardiovascular/ interventional procedures.

**Prerequisite(s):** A minimum grade of "C" in CVIS 4102.**CVIS 4200 Cardiova Interv Scie Synthesis****3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Discussion of advanced theoretical concepts in cardiovascular interventional technology as they relate to practice.

**Prerequisite(s):** A minimum grade of "C" in CVIS 3003 and CVIS 4102.