



## Master of Science in Cardiovascular Perfusion (MSCP)

### Purpose

The Master of Science in Cardiovascular Perfusion Program is an allied health science program that educates and prepares students in the knowledge and skills necessary to conduct cardiopulmonary bypass and associated cardiovascular procedures including cardiac life support. Perfusionists work under the supervision of the cardiac surgeon and in accordance with the cardiac anesthesiologist. Students who graduate from this program will be eligible to sit for the two-part national certification examination through the American Board of Cardiovascular Perfusion (ABCP). Successful completion of the ABCP examinations awards the certification and title of Certified Clinical Perfusionist (CCP).

### Mission

Our mission is to prepare students to become a proficient entry level cardiovascular perfusionist through the dissemination of evidence-based knowledge, scholarly activities, and diverse clinical experiences. Additionally, it is the mission of this program to elicit independent systematic thought processes through new scientific discovery and historical knowledge. Graduates from this program will be able to effectively integrate perfusion theory to clinical practice.

### Program Goals

The MSCP program has identified goals that are as followed:

- Prepare competent entry level perfusionists in the cognitive (knowledge), psychomotor (skills), and affective (behavioral) learning domains
- Prepare students in critical thinking skills and problem-solving skills
- Prepare students for the American Board of Cardiovascular Perfusion licensing exams
- Provide students with perfusion theory and clinical applications skills for safe and effective patient care
- Prepare students to communicate effectively and to work cooperatively and safely with a healthcare team to ensure safe and quality patient care



## Student Learning Outcomes

The student learning outcomes listed below are expressed with the intention to meet or exceed 92% of the WBT/F2 14.04









CVP 640 Special Considerations in Perfusion (2cr)

CVP 676 Clinical Practicum I (6cr)

Fall Semester (8 Credits)

CVP 686 Clinical Practicum II (6cr)

CVP 691 Perfusion Capstone I (2cr)

Spring Semester (8 Credits)

CVP 696 Clinical Practicum III (6cr)

CVP 693 Perfusion Capstone II (2cr)

TOTAL CREDIT HOURS: 70