

EDISON STATE COLLEGE CARDIOVASCULAR TECHNOLOGY

The Cardiovascular Technology Program is designed to offer students the opportunity to obtain an Associate in Science Degree in Cardiovascular Technology. The Cardiovascular Technologist is employed in cardiovascular catheterization laboratories, cardiac ultrasound laboratories and in cardiac non-invasive laboratories. The Cardiovascular Technology Program is fully accredited for invasive cardiology by the Commission on Accreditation of Allied Health Education Programs. Our specialty of invasive cardiology will prepare the graduate to function in all aspects in the cardiovascular catheterization laboratory. Working with a cardiologist, Cardiovascular Technologists perform diagnostic cardiac catheterization studies on patients in order to quantify cardiac disease including coronary arteriography, hemodynamic monitoring and analysis, and electrophysiology studies. They also assist the cardiologist in interventional procedures including; coronary angioplasty, rotablator procedures, intra-coronary stenting, pacemaker insertion, and radiofrequency ablation.

A freshman class begins each Fall semester. Currently 20 freshmen are accepted each year. Class size is limited by the number of cardiology laboratories in the clinical affiliates needed for the training of students. Students will have the opportunity to practice cardiac catheterization procedures in our “on campus” cath lab prior to entering the clinical component of the curriculum. Graduates are eligible to take the national registry examination as offered by Cardiovascular Credentialing International. The successful candidate will receive the Registered Cardiovascular Invasive Specialist (RCIS) credential. Students may also have the opportunity to gain Echocardiography instruction and experience as an elective component of this program.

The Cardiovascular Technology Program is a **limited admission program**. The criteria for admission are available through the program office or through the Health Professions office at (239)-489-9255.

First Round Application Deadline: June 1

EDISON STATE COLLEGE
CARDIOVASCULAR TECHNOLOGY – Code: AS PCVT
ASSOCIATE IN SCIENCE DEGREE
First Round Application Deadline: June 1

COURSE PREREQUISITES: Refer to specific course descriptions in the current catalog.

MAT 1033 Intermediate Algebra or Testing is prerequisite to MGF 1106.

BSC 1080 Human Biology is prerequisite to BSC 1093C.

PROGRAM PREREQUISITES:

Please refer to the Program Application and Information Packet available at <http://www.edison.edu/academics/cardiotech.php>.

GENERAL EDUCATION REQUIREMENTS:

			Credit Hours		
BSC	1080	Human Biology	2	Fall	_____
ENC	1101	Composition I	3		
PSY	2012	General Psychology	3		_____
BSC	1093C	Anatomy and Physiology I with Lab	4	Spring	_____
BSC	1094C	Anatomy and Physiology II with Lab	4		_____
MGF	1106	Mathematics for Liberal Arts I	3		
CHM	2032	Chemistry for Health Science	3	Sum A	_____
CHM	2032L	Chemistry Health Science Lab	1		
PHY	1007	Physics for Health Sciences	3	Sum B	_____
MCB	2010C	Microbiology	5		
		*Humanities Elective	3	Fall	_____
TOTAL			34		_____

DEGREE CORE REQUIREMENTS:

RET	1024	Introduction to Cardiopulmonary Tech.	3	Spring	_____
RET	1616C	Cardiopulmonary Anatomy & Physiology	2		_____
RET	1821L	Freshman Pre Clinic	2		
CVT	1200	Cardiovascular Pharmacology	2		
CVT	2420C	Invasive Cardiology I	4		
CVT	2620	Non-Invasive Cardiology I	4		
CVT	2840L	Cardiovascular Practicum II	6		
CVT	2421C	Invasive Cardiology II	4		
RET	2244	Critical Care Applications	2		
CVT	2841L	Cardiovascular Practicum III	6		
CVT	2920	Cardiovascular Technologist as a Professional	2		
CVT	2842L	Cardiovascular Practicum IV	6		
TOTAL			43		

CAREER CORE ELECTIVES:

CVT	2621C	Noninvasive Cardiology II	4		
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TOTAL CREDIT HOURS: 77

Name	ID#
_____	_____
Academic Advisor	Date
Jeff Davis	A-124
Contact	(239) 489-9430
Office	Phone

Any courses taken through the Department of Learning Assistance are non-transferable. These courses include:

REA 9001	ENC 9010	MAT 9002
REA 9002	ENC 9020	MAT 9012
REA 9003	ENC 9021	MAT 9020
		MAT 9024

*Humanities Electives may be chosen from any course listed in the General Education Program Guide under Humanities.