

Curriculum Committee



Change of Program or Certificate Proposal

Note required information: Program or certificate changes require a change to the catalog page. All change of program or certificate proposals must include the new catalog page, with all proposed changes, at the end of this document. All changes that affect the courses, words, numbers, symbols, program description, admissions requirements, and graduation requirements must be documented. Note before completing this proposal that all new courses and current prerequisite, co-requisite, core, or elective courses changes must have already been reviewed (or submitted for the same meeting) by the Curriculum Committee and approved by the Provost. The Track Changes feature in Word must be used to illustrate all changes to the catalog page.

School or Division	School of Health Professions
Program or Certificate	Cardiovascular Technology, AS
Proposed by (faculty only)	Raymond Lenius, Leslie Yaniga, Jeff Davis
Presenter (faculty only)	Jeff Davis
Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and be resubmitted for a later date.	
Submission date	10/13/2016

Section I, Proposed Changes

Change of School, Division, or Department	N/A
Change to program or certificate name	N/A
List below, any changes to the program or certificate prerequisites. Include course titles and credits if applicable. The School of Health Professions requires that all Cardiovascular Technology students have personal health insurance throughout enrollment in the program. Florida SouthWestern State College does not offer a health plan or other services related to a student's health care needs. Proof of insurance, naming the student and dates of coverage, must be provided. For information about enrolling in health insurance through the healthcare exchange and marketplace, please visit https://www.healthcare.gov/	

List below, any changes to the General Education requirements. Include course titles and credits if applicable.	
Any General Education Humanities (3 credits) changed to Humanities, Writing Intensive (3 credits)	
List below, any changes to the program or certificate Core requirements. Include course titles and credits if applicable.	
N/A	
List below, any changes to the program or certificate Elective requirements. Include course titles and credits if applicable.	
N/A	
List below, any other changes to the program or certificate requirements.	
N/A	
Change to program length (credits or clock hours to complete)	From: N/A To:

Include complete new catalog page as an attachment. Proposals without the new catalog page will not be reviewed by the committee.

Section II, Justification for proposal

Include state frameworks, accrediting or professional organization recommendations or requirements, workforce data, and/or crosswalks.

Provide justification (below) for each change on this proposed curriculum action.
<ol style="list-style-type: none"> 1. Graduates of the Cardiovascular Technology, AS Program holding the RCIS credential are eligible to apply to the Cardiopulmonary Sciences, BS Program. To make this transfer more seamless and to align the AS with the BS degree requirements, the AS will specify that a writing intensive Humanities course is required. This will prevent students from taking excess credits as they advance to the BS-CPS degree and also satisfy Rule 6A-10.030 that outlines the college level communication and computation skills required for upper division coursework. 2. Clinical Sites, across the SWFL region, are now requiring that students show evidence of personal health insurance. Effective with new students entering School of Health Professions programs, effective Fall 2017 and thereafter, evidence of current personal health insurance must be provided.

Section III, Important Dates and Endorsements Required

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).
Raymond Lenius, Leslie Yaniga, Jeff Davis

NOTE: Course and Program changes must be submitted by the dates listed on the published Curriculum Committee Calendar. Exceptions to the published submission deadlines must receive prior approval from the Provost's Office.

Term in which approved action will take place	Fall 2017
Provide an explanation below for the requested exception to the effective date.	
N/A	

Any exceptions to the term start date requires the signatures of the Academic Dean or Associate Vice President and the Provost prior to submission to the Dropbox.		
Dean or Associate Vice President	Signature	Date
Type name here		
Provost	Signature	Date
Dr. Jeff Stewart		

Required Endorsements	Type in Name	Select Date
Department Chair or Program Coordinator/Director	Jeff Davis/ Dr. J.B. Elsberry	10/5/2016
Academic Dean or Associate Vice President	Dr. Marie Collins	10/13/2016

All Curriculum proposals require approval of the Curriculum Committee and the Provost. Final approval or denial of a proposal is reflected on the completed and signed proposal.

Approve Do not approve

Don Raneford

Curriculum Committee Chair Signature

11/09/2016

Date

Approve Do not approve

Jeff Stewart

Provost Signature

Date

Cardiovascular Technology, AS

Graduates of the Cardiovascular Technology Program are prepared to become credentialed as a Registered Cardiovascular Invasive Specialist (RCIS) after successful completion of the national RCIS Examination. Cardiovascular technology is an allied health profession specifically focused on the diagnosis and treatment of patients with cardiac and vascular disease. The Invasive Cardiovascular Technologist is employed in cardiovascular catheterization laboratories (cath labs). Our specialty of invasive cardiovascular technology will prepare the graduate to function in multiple facets in the cardiovascular catheterization laboratory. Working with a Cardiologist they perform sophisticated tests in order to diagnose and quantify cardiac and vascular disorders. These include coronary artery disease, cardiac valve disease, vascular disease, and disorders of the heart's electrical conduction system. Cardiovascular Technologists perform diagnostic cardiovascular catheterization studies on patients including coronary and vascular angiography and hemodynamic monitoring and analysis. They also assist the cardiologist in interventional procedures including coronary and vascular angioplasty and interventions, direct infarct angioplasty, rotator procedures, intra-coronary and vascular stenting, and pacemaker/defibrillator insertion.

Current occupational employment and wages data for Cardiovascular Technologists are published by the United States Department of Labor's Bureau of Labor Statistics at www.bls.gov/oes/current/oes292031.htm

The Cardiovascular Technology Program admits students once per year and starts each Fall semester. The curriculum includes a combination of classroom, laboratory, and clinical education experiences. General Education and Program Specific coursework may be taken on various campuses but the Cardiovascular Technology core courses are only offered on the Thomas Edison (Lee) Campus. Clinical education occurs at affiliated hospitals throughout Southwest Florida.

ACCREDITATION:

The Florida SouthWestern State College Cardiovascular Technology program is nationally accredited by the:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

1361 Park Street

Clearwater, FL 33756

Telephone: 727-210-2350

APPLICATION DEADLINE:

May 31

ADMISSION REQUIREMENTS:

Cardiovascular Technology has limited enrollment due to the rigorous clinical education requirements for the program. Acceptance to Florida SouthWestern State College does not imply acceptance into the Cardiovascular Technology program. Each applicant must meet specific criteria which are listed in the admission policies. The Criteria for Admission Policies are available through the program office or

through the School of Health Professions office at (239) 489-9255. Admission applications are located at www.fsw.edu/academics/programs/ascardiotech.

Admission to the program is determined by admissions points, academic transcript evaluation, and affective skills demonstration. Admissions points are awarded for the completion of General Education coursework and prospective students are encouraged to complete as many courses as possible, prior to starting the Cardiovascular Technology Core coursework. Pre-admission requirements include satisfactory completion of the following:

- Watson-Glaser Critical Thinking Examination
- Panel Interview
- College-approved criminal records check and drug testing at the applicant's expense.
- Proof of personal health insurance throughout enrollment in the program, naming the student and dates of coverage

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After acceptance, students must complete the following:

- Immunization and health report
- TB Skin Test
- Certification in American Heart Association Basic Life Support for Healthcare Providers Professionals (CPR and AED) obtained during the months of June-August, prior to Fall Year 2 semester start.

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BACCALAUREATE DEGREE OPPORTUNITY:

Florida SouthWestern State College also offers a Bachelor of Science (BS) in Cardiopulmonary Sciences. Graduates of the AS Degree Program in Cardiovascular Technology with the RCIS credential may enroll in this degree program and complete remaining courses to earn the bachelor's degree. For more information, please contact the School of Health Professions (239) 489-9255.

AS Cardiovascular Technology Program of Study (77 credits)

All courses specified below must be successfully completed with a grade of 'C' or better. This includes General Education Requirements, Program Specific Coursework, and Cardiovascular Technology Core Courses for the degree. ~~All courses specified below must be successfully completed with a grade of 'C' or better. This includes General Education Requirements, Program Specific Coursework, and Cardiovascular Technology Core Courses for the degree.~~

General Education and Program Specific Coursework: 31 Credits

General Education Coursework: 16 credits required

- ENC 1101 - Composition I - ~~3 credits~~, writing intensive - must complete with a "C" or better - 3 credits

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- General Education Humanities, writing intensive-must complete with a "C" or better-Course - 3 credits
- PSY 2012 - Introduction to Psychology 3 credits or SYG 1000 - Principles of Sociology 3 credits
- General Education Mathematics - 3 credits
- BSC 1093C - Anatomy and Physiology I 4 credits or BSC 1085C - Anatomy and Physiology I 4 credits

Program Specific Coursework: 15 credits required

- MCB 2010C - Microbiology 4 credits
- General Education Chemistry and Corresponding Lab - 4 credits
- PHY 1007 - Physics for the Health Sciences - 3 credits
- BSC 1094C - Anatomy and Physiology II 4 credits or BSC 1086C - Anatomy and Physiology II 4 credits

Cardiovascular Technology Core Courses: 46 credits required

- RET 1024 - Introduction to Cardiopulmonary Technology - AS 3 credits
- RET 1613C - Cardiopulmonary Anatomy and Physiology - AS 2 credits
- CVT 1200 - Cardiovascular Pharmacology - AS 3 credits
- CVT 1800L - Cardiovascular Pre Practicum I - AS 3 credits
- CVT 1801L - Cardiovascular Pre Practicum II - AS 3 credits
- CVT 2420C - Invasive Cardiology I - AS 6 credits
- CVT 2620C - Non-Invasive Cardiology Technology I - AS 2 credits
- CVT 2805C - Cardiovascular Interventional Pre Practicum - AS 3 credits
- CVT 2840L - Cardiovascular Practicum II - AS 3 credits
- CVT 2421C - Invasive Cardiology II - AS 6 credits
- RET 2244 - Critical Care Applications - AS 2 credits
- CVT 2841L - Cardiovascular Practicum III - AS 4 credits
- CVT 2920 - Cardiovascular Technologist as a Professional - AS 2 credits
- CVT 2842L - Cardiovascular Practicum IV - AS 4 credits

Total Degree Requirements: 77 Credit Hours

Information is available online at: www.fsw.edu/academics/ and on the School of Health Professions
Home page at: www.fsw.edu/sohp