

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	AS Cardiovascular Technology, AS Respiratory Care
Proposed by (faculty only)	Don Ransford, Jeff Davis, Jean Newberry
Presenter (faculty only)	Don Ransford
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	2/28/2020
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.	
<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
_____ Curriculum Committee Chair/Signature	_____ Date
Registrar's office is requesting 2020 eff. date.	
<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
_____ Provost Signature	_____ Date
All Curriculum proposals require review by the Office of Accountability & Effectiveness.	
<input type="checkbox"/> Reviewed	
_____ Office of Accountability & Effectiveness Signature	_____ Date

Section I, Important Dates and Endorsements Required

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' Office.

Term in which approved action will take place	Fall 2021
Provide an explanation below for the requested exception to the effective date.	
Type in the explanation for exception.	

Any exceptions to the term start date requires the signatures of the Academic Dean and Provost prior to submission to the Dropbox.		
Dean	Signature	Date
Type name here		
Provost	Signature	Date
Dr. Eileen DeLuca		

Required Endorsements	Type in Name	Select Date
Department Chair or Program Coordinator/Director	Type name here	Click here to enter a date.
Academic Dean or Provost	Type name here	Click here to enter a date.

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).
Jeff Davis, Jean Newberry, Don Ransford

Section II, Proposed Changes

Do any of the changes affect the AA focus? (If so, a Change of Program proposal is also needed.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Have the deans of the General Studies been contacted/consulted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Have you attached an updated catalog page?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Change of School, Division, or Department	List new school, division, or department
Change to program or certificate name	List new program or certificate name
List below, any changes to the program or certificate prerequisites. Include course titles and credits if applicable.	
List changes to program or certificate prerequisites	
List below, any changes to the General Education requirements. Include course titles and credits if applicable.	
Change from <i>Core General Education Mathematics</i> to <i>General Education Mathematics</i>	
List below, any changes to the program or certificate Core requirements. Include course titles and credits if applicable.	
List changes to program or certificate Core requirements	
List below, any changes to the program or certificate Elective requirements. Include course titles and credits if applicable.	
List changes to program or certificate Elective requirements	
List below, any other changes to the program or certificate requirements.	
List other changes	
Change to program length (credits or clock hours to complete)	From: To:

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

Section III, 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.

By specifying *Core General Education Mathematics*, students in these AS programs would have a more limited choice of how to meet the requirement. *General Education Mathematics* as a requirement would then provide additional options from the general education mathematics courses listed in the College Catalog and would still meet the requirements of all state frameworks and accrediting or professional organization recommendations.

Respiratory Care, AS

Graduates of the Respiratory Care Program are prepared to become credentialed as Registered Respiratory Therapists (RRT) after successful completion of the National Board for Respiratory Care Examinations. Respiratory Therapists are members of a team of health care professionals working in a wide variety of clinical settings to evaluate, treat, and manage patients of all ages with respiratory illnesses and other cardiopulmonary disorders. As members of this team, Respiratory Therapists should exemplify the ethical and professional standards expected of all health care professionals. Respiratory Therapists provide patient care which includes clinical decision-making and patient education. The Respiratory Care scope of practice includes, but is not limited to the following basic competencies:

- acquiring and evaluating clinical data
- assessing the cardiopulmonary status of patients
- performing and assisting in the performance of prescribed diagnostic studies such as: obtaining blood samples, blood gas analysis, pulmonary function testing, and polysomnography
- evaluating data to assess the appropriateness of prescribed respiratory care
- establishing therapeutic goals for patients with cardiopulmonary disease
- participating in the development and modification of respiratory care plans
- case management of patients with cardiopulmonary and related diseases
- initiating prescribed respiratory care treatments, managing life support activities, evaluating and monitoring patient responses to such therapy and modifying the prescribed therapy to achieve the desired therapeutic objectives
- initiating and conducting prescribed pulmonary rehabilitation
- providing patient, family, and community education
- promoting cardiopulmonary wellness, disease prevention, and disease management
- promoting evidence-based practice by using established clinical practice guidelines
- evaluating published research for its relevance to patient care.

Current occupational employment and wages data for Respiratory Therapists are published by the United States Department of Labor's Bureau of Labor Statistics at www.bls.gov/oes/current/oes291126.htm.

The Respiratory Care 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 Respiratory Care 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 Respiratory Care Associate in Science Degree Program at the Thomas Edison(Lee) Campus is nationally accredited by the;

The Committee on Accreditation for Respiratory Care (CoARC) PO Box 54876
Hurst, TX 76054-4876

<https://www.coarc.com>

APPLICATION DEADLINE:

May 31

ADMISSION REQUIREMENTS:

Respiratory Care 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 Respiratory Care 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/asrespiratorycare.

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 Respiratory Care Core coursework. Pre-admission requirements include satisfactory completion of the following:

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- 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

After acceptance, students must complete the following:

- Immunization and health report
- TB Skin Test
- Certification in American Heart Association Basic Life Support for Healthcare Professionals (CPR and AED) will be scheduled during the first year of the program

BACCALAUREATE DEGREE OPPORTUNITY:

Florida SouthWestern State College also offers a Bachelor of Science (BS) in Cardiopulmonary Sciences. Graduates of the AS Degree Program in Respiratory Care with the RRT 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 Respiratory Care Program of Study (76 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 Respiratory Care Core Courses for the degree.

General Education Requirements: 16 credits required

- ENC 1101 - Composition I, writing intensive-must complete with a "C" or better 3 credits
- Core General Education Humanities, writing intensive-must complete with a "C" or better 3 credits
- PSY 2012 - Introduction to Psychology 3 credits or SYG 1000 - Principles of Sociology 3 credits

· ~~Core~~ 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

· BSC 1094C - Anatomy and Physiology II 4 credits or BSC 1086C - Anatomy and Physiology II 4 credits

· General Education Chemistry and Corresponding Lab 4 credits

· MCB 2010C - Microbiology 4 credits

· General Education Physics 3 credits

Respiratory Care Core Courses: 45 credits required

· RET 1007 - Respiratory Care Pharmacology - AS 2 credits

· RET 1024 - Introduction to Cardiopulmonary Technology - AS 3 credits

· RET 1275C - Clinical Care Techniques - AS 4 credits

· RET 1613C - Cardiopulmonary Anatomy and Physiology - AS 2 credits

· RET 1832L - Clinical Practicum I - AS 1 credit

· RET 2234C - Respiratory Therapeutics - AS 6 credits

· RET 2244 - Critical Care Applications - AS 2 credits

· RET 2254C - Respiratory Care Assessment - AS 6 credits

· RET 2264 - Advanced Mechanical Ventilation - AS 4 credits

· RET 2264L - Advanced Mechanical Ventilation Laboratory - AS 2 credits

· RET 2295 - Pulmonary Studies - AS 3 credits

· RET 2714 - Neonatal-Pediatric Respiratory Care - AS 3 credits

· RET 2874L - Clinical Practicum II - AS 1 credit

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- RET 2875L - Clinical Practicum III - AS 1 credit
 - RET 2876L - Clinical Practicum IV - AS 3 credits
 - RET 2930 - Respiratory Care Practitioner as a Professional - AS 2 credits

Total Degree Requirements: 76 Credit Hours

Associate in Science

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, aortic and mitral valve replacement and repair, septal defect repair, 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 at the Thomas Edison (Lee) Campus is nationally accredited by the:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)
25400 US Highway 19 North Ste. 158 Clearwater, FL 33763 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.

After acceptance, students must complete the following:

- Immunizations and health report
- TB Skin Test
- Certification in American Heart Association Basic Life Support for Healthcare Professionals (CPR and AED) will be scheduled during the first year of the program

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.

General Education Coursework: 16 credits required

- ENC 1101 - Composition I - writing intensive - must complete with a "C" or better 3 credits
- Core General Education Humanities, writing intensive - must complete with a "C" or better 3 credits
- PSY 2012 - Introduction to Psychology 3 credits

or

- SYG 1000 - Principles of Sociology 3 credits
- ~~Core~~ 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

- BSC 1094C - Anatomy and Physiology II 4 credits

or

- BSC 1086C - Anatomy and Physiology II 4 credits

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- General Education Chemistry and Corresponding Lab 4 credits
 - MCB 2010C - Microbiology 4 credits
 - General Education Physics 3 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