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| **PROFESSOR:** | **PHONE NUMBER:** |
| **OFFICE LOCATION:** | **E-MAIL:** |
| **OFFICE HOURS:** | **SEMESTER:** |

1. **COURSE NUMBER AND TITLE, CATALOG DESCRIPTION, CREDITS:**

**CVT 2920 CARDIOVASCULAR TECHNOLOGIST AS A PROFESSIONAL (3 CREDITS)**

The professional relationship of the cardiovascular technologist to other health professionals is presented, along with a basic format for research. Resume preparation and interview skills are also discussed. Students also present case studies and receive instruction and testing in Advanced Cardiac Life Support (ACLS) and preparation for Registered Cardiovascular Invasive Specialist (RCIS) credentialing exam.

1. **PREREQUISITES FOR THIS COURSE:**

cvt 2421C, CVT 2841L, and RET 2244, all with a grade of “C” or higher

**CO-REQUISITES FOR THIS COURSE:**

CVT 2842L

1. **GENERAL COURSE INFORMATION:** Topic Outline.

Upon completion of this course, the student will gain the skills necessary to do the following:

* Communicate and interact effectively with the primary physician and all medical staff.
* Communicate and interact effectively with nursing staff and other allied health professionals.
* Communicate effectively with patients and family members.
* List and define the five basic steps of research: the problem, the hypothesis and hypothesis testing, collection of data, interpretation of data, summary and discussion.
* List and discuss various statistical methods.
* List and discuss the measures of central tendency.
* Discuss and compare various research and study designs.
* Perform a research project “as determined by the instructor.”
* List and discuss reasons why membership in professional organizations is important.
* Prepare a professional resume with cover letter.
* Develop job interview skills.
* Discuss management and ethical issues as they relate to cardiovascular technology.
* Present a quality case study utilizing audiovisual support for the medical director.
* The student will have the opportunity to become certified in advanced cardiac life support (ACLS).
* Review successful testing strategies for the RCIS credentialing exam.
* Apply critical thinking skills learned across the curriculum within a mock comprehensive RCIS credentialing exam.
* Practice test-taking skills using computer-based testing technologies.
* Reflect upon the rationale provided for each mock comprehensive exam question.

1. **All courses at Florida SouthWestern State College contribute to the general education program by meeting one or more of the following general education competencies:**

**C**ommunicate clearly in a variety of modes and media.

**R**esearch and examine academic and non-academic information, resources, and evidence.

**E**valuate and utilize mathematical principles, technology, scientific and quantitative data.

**A**nalyze and create individual and collaborative works of art, literature, and performance.

**T**hink critically about questions to yield meaning and value.

**I**nvestigate and engage in the transdisciplinary applications of research, learning, and knowledge.

**V**isualize and engage the world from different historical, social, religious, and cultural approaches.

**E**ngage meanings of active citizenship in one’s community, nation, and the world.

**A.**  **General Education Competencies and Course Outcomes**

1. Listed here are the outcomes/objectives assessed in this course which play an integral part in the student’s general education along with the general education competency they support.

  General Education Competency: **Research**

Course Outcomes or Objectives Supporting the General Education Competency Selected:

* Students will be able to discuss and demonstrate the knowledge required to critically analyze a research study/clinical trial by submitting a paper critically analyzing a research study/clinical trial.

2.  Listed here are the outcomes/objectives assessed in this course which play a *supplemental* role in the student’s general education along with the general education competency they support.

General Education Competency: **Communicate**

Course Outcomes or Objectives Supporting the General Education Competency Selected:

* Students will be able to discuss and demonstrate the knowledge required to effectively communicate regarding a patient’s condition by orally presenting a case study on a cardiovascular patient.

1. **DISTRICT-WIDE POLICIES:**

**Programs for Students with Disabilities**

Florida SouthWestern State College, in accordance with the Americans with Disabilities Act and the College’s guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus. The office locations and telephone numbers for the Office of Adaptive Services at each campus can be found at <http://www.fsw.edu/adaptiveservices>.

**REPORTING TITLE IX VIOLATIONS**

Florida SouthWestern State College, in accordance with Title IX and the Violence Against Women Act, has established a set of procedures for reporting and investigating Title IX violations including sexual misconduct.  Students who need to report an incident or need to receive support regarding an incident should contact the Equity Officer at [equity@fsw.edu](mailto:equity@fsw.edu).  Incoming students are encouraged to participate in the Sexual Violence Prevention training offered online.  Additional information and resources can be found on the College’s website at <http://www.fsw.edu/sexualassault>.

1. **REQUIREMENTS FOR THE STUDENTS:**

List specific course assessments such as class participation, tests, homework assignments, make-up procedures, etc.

1. **ATTENDANCE POLICY:**

The professor’s specific policy concerning absence. (The College policy on attendance is in the Catalog, and defers to the professor.)

1. **GRADING POLICY:**

Include numerical ranges for letter grades; the following is a range commonly used by many faculty:

90 - 100 = A

80 - 89 = B

70 - 79 = C

60 - 69 = D

Below 60 = F

(Note: The “incomplete” grade [“I”] should be given only when unusual circumstances warrant. An “incomplete” is not a substitute for a “D,” “F,” or “W.” Refer to the policy on “incomplete grades.)

1. **REQUIRED COURSE MATERIALS:**

(In correct bibliographic format.)

1. **RESERVED MATERIALS FOR THE COURSE:**

Other special learning resources.

1. **CLASS SCHEDULE:**

This section includes assignments for each class meeting or unit, along with scheduled Library activities and other scheduled support, including scheduled tests.

1. **ANY OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES:**

(Which would be useful to the students in the class.)