

**SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
PARAMEDIC**

Revision Date: 12/2023

I. CATALOG DESCRIPTION

Course Number:	PARM 1127
Course Title:	Paramedic Lab 2
Prerequisite(s):	Enrollment in Paramedic program or by instructor approval.
Catalog Description:	This course is designed to teach, integrate and complement content from concurrent Paramedic lecture and laboratory courses. Previously learned material shall be reviewed, reinforced and evaluated as necessary to maintain competency.
Credit Hours:	2
Class Hours:	0
Lab Hours:	90
Total Contact Hours:	90

II. COURSE OBJECTIVES: *Course will:*

1. Prepare students to perform the appropriate patient assessment for pre-hospital cardiac, medical and toxicological emergencies.
2. Prepare students to incorporate ECG interpretation into the assessment and treatment modality of cardiac related emergencies.
3. Prepare students to recognize and appropriately treat various medical emergencies using the appropriate pharmacological and electrical treatment modalities.
4. Prepare students to demonstrate proficiency at dynamic cardiology and static cardiology treatment modalities.
5. Prepare student to interpret 12-lead ECG and 15-Lead ECG strips and implement a proper treatment regimen for the patient's condition.
6. Prepare students to complete an Advanced Cardiac Life Support (ACLS) class.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES A.

STUDENT LEARNING OUTCOMES: *Students will be able to:*

1. Demonstrate appropriate patient assessment and management skills of various medical and toxicological emergencies, trauma, or any other area covered by program content.
2. Demonstrate proficiency at interpreting basic ECG dysrhythmias and implementing the proper treatment modality for the patient's condition.
3. Demonstrate proficiency at interpreting 12-lead and 15-lead ECG strips and implementing the proper treatment modality for the patient's condition.

4. Demonstrate proficiency at dynamic cardiology and static cardiology treatment modalities, as defined by the National Registry skill sheets.
5. Demonstrate the professional traits as outlined in the *EMT Oath and Code of Conduct*.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO 3: Critical Thinking & Problem Solving

Outcome 2: Synthesize information to arrive at reasoned solutions to problems

1. The student will demonstrate the ability to create and/or solve scenarios given to them by the instructor

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)

- A. Medical emergencies patient assessment review and practice
- B. Dynamic cardiology
- C. Static cardiology
- D. Review advanced airway management
- E. Pharmacology review and practice

V. INSTRUCTIONAL MATERIALS

A. Required Text(s):

Bledsoe, B.E., Cherry, R.A., & Porter, R. S. (2023). *Bledsoe's Paramedic Care: Principles and Practices* (Sixth, Vol. 1). Pearson Education, Inc.

Bledsoe, B.E., Cherry, R.A., & Porter, R. S. (2023). *Bledsoe's Paramedic Care: Principles and Practices* (Sixth, Vol. 2). Pearson Education, Inc.

Jones & Bartlett Learning. (2021). *Advanced Medical Life Support: An Assessment-Based Approach* (current edition)

Jones & Bartlett Learning. (2020). *PHTLS: PreHospital Trauma Life Support Course Manual* (current edition)

Page, R. (2005). *12-Lead ECG for Acute and Critical Care Providers*. Pearson Education.

Walraven, G. (2017). *Basic Arrhythmias*. Brady/Pearson.

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of presentation typically include a combination of the following:

1. Scenario-based teaching
2. Demonstrations
3. Psychomotor skills practice

VII. METHODS OF EVALUATION

- A.** Methods of evaluation are provided in the Course Information Document (CID) found in the course canvas shell.

SCC STANDARD GRADING SCALE POLICY:

A+	95-100	C+	75-79
A	90-94	C	70-74
B+	85-89	D+	65-69
B	80-84	D	60-64
		F	Below 60

VIII. SPECIFIC COURSE REQUIREMENTS

- A.** Students must complete course with a cumulative score of $\geq 75\%$ (C+) to continue in the Paramedic Program.
- B.** The expectations of students are to abide by the policies and procedures found within the CID and program handbook.