

EDISON STATE COLLEGE

Division of Professional and Technical Studies

COMMON COURSE SYLLABUS

PROFESSOR:

OFFICE LOCATION:

E-MAIL:

PHONE NUMBER:

OFFICE HOURS:

SEMESTER:

I. COURSE NUMBER AND TITLE, CATALOG DESCRIPTION, CREDIT HOURS

EMS 2673L – PARAMEDIC III LAB – 4 CREDIT HOURS

(80 lab hours)

This course presents practical application of the didactic instruction received in EMS 2673 to include role of the paramedic in the healthcare delivery system, identification of dysrhythmia and 12-Lead interpretation. Assessment and management of the patient with suspected cardiovascular emergencies. Management of patients presenting with diseases and trauma, as well as identification and management of medical emergencies.

II. PREREQUISITES FOR THIS COURSE:

EMS 2654, EMS 2672 and EMS 2672L, each with a grade of “B” or better

CO-REQUISITES FOR THIS COURSE:

EMS 2655 and EMS 2673

III. GENERAL COURSE INFORMATION: Topic Outline.

- Anatomy of Heart and Peripheral Circulatory System, Physiology of the Heart, Electrophysiology
- Dysrhythmic Recognition, Introduction to EKG Monitoring, Rhythm Strip Analysis
- Dysrhythmia Originating in the SA Node
- Dysrhythmia Originating in the Atria
- Dysrhythmia Originating in the AV Junction
- Dysrhythmia Originating in the Ventricles
- Dysrhythmia That Are Disorders in Conduction
- Assessment of the Cardiac Patient
- Pathophysiology of Atherosclerosis and Specific Conditions Resulting From Atherosclerotic Heart Disease
- Peripheral Vascular Emergencies and Other Cardiovascular Related Conditions
- 12 Lead Interpretation
- Techniques of Management, Pharmacologic Intervention
- Introduction to Trauma Kinetics, Initial Survey Resuscitation, Focused Survey and Management, Monitoring and Transporting the Trauma Patient

- Body Cavity Trauma, Head/Neck/Spine, Musculo-Skeletal, Shock Trauma Resuscitation
- Advanced Burn Management
- Endocrine Emergencies
- Central Nervous System Disorders
- Acute Abdomen
- Anaphylaxis
- Infectious Diseases Exposure/Management
- Toxicology, Alcoholism, and Drug Abuse
- Ambulance Ops
- MCI
- Terrorism, WMD
- HazMat, crime scene

IV. LEARNING OUTCOMES AND ASSESSMENT:

GENERAL EDUCATION COMPETENCIES:

General education courses must meet at least four out of the five following outcomes. All other courses will meet one or more of these outcomes.

Communication (COM): To communicate effectively using standard English (written or oral).

Critical Thinking (CT): To demonstrate skills necessary for analysis, synthesis, and evaluation.

Technology/Information Management (TIM): To demonstrate the skills and use the technology necessary to collect, verify, document, and organize information from a variety of sources.

Global Socio-cultural Responsibility (GSR): To identify, describe, and apply responsibilities, core civic beliefs, and values present in a diverse society.

Scientific and Quantitative Reasoning (QR): To identify and apply mathematical and scientific principles and methods.

ADDITIONAL COURSE COMPETENCIES:

At the conclusion of this course, students will be able to demonstrate the following additional competencies:

LEARNING OUTCOMES	ASSESSMENTS	GENERAL EDUCATION COMPETENCIES
Analyze, and perform appropriate care to simulated patients demonstrating signs and symptoms of the various cardiac dysrhythmias, with 80% accuracy	Students will show competency by completion of weekly checklists based on the NHTSA paramedic curriculum guidelines, without critical failures	COM, CT, TIM,GSR, QR
Analyze, and perform appropriate care to simulated patients demonstrating signs and symptoms of trauma, with 80% accuracy		
	Students will demonstrate through scenario based learning.	All outcomes require the

		student to communicate with a patient, and crew. Students must critically think through all aspects of assessment, to treat a patient accurately. Paramedic students deal with persons from all demographics. Treatments often include medication
Analyze and demonstrate the ability to use all functions of a cardiac monitor	Students will show competency by completion of weekly checklists based on the NHTSA paramedic curriculum guidelines, without critical failures	
Demonstrate the ability to perform all tasks associated with ambulance OPS, MCI, terrorism, WMD, HazMat and crime scene operations		
Demonstrate the ability to assess and treat a burn patient.		
Analyze and perform appropriate interventions for simulated endocrine patients.		
Analyze, and perform appropriate care to simulated patients demonstrating signs and symptoms of central nervous disorders.		
Demonstrate and perform appropriate assessment and care of a simulated patient with signs and symptoms of an acute abdomen.		
Manage and recognize possible infectious disease exposure.		
Differentiate and treat alcoholism, drug abuse and toxicological emergencies.	Students will demonstrate through scenario based learning.	

V. DISTRICT-WIDE POLICIES:

PROGRAMS FOR STUDENTS WITH DISABILITIES

Edison 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.

Lee Campus	Taeni Hall S-116A	(239) 489-9427
Charlotte Campus	Student Services SS-101	(941) 637-5626
Collier Campus	Admin. Bldg. A-116	(239) 732-3918
Hendry/Glades Ctr.	LaBelle H.S.	(863) 674-0408

VI. REQUIREMENTS FOR THE STUDENTS:

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

VII. ATTENDANCE POLICY:

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

VIII. 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.”)

IX. REQUIRED COURSE MATERIALS:

(In correct bibliographic format.)

X. RESERVED MATERIALS FOR THE COURSE:

Other special learning resources.

XI. CLAST COMPETENCIES INVOLVED IN THIS COURSE.

XII. CLASS SCHEDULE:

This section includes assignments for each class meeting or unit, along with scheduled Learning Resource Center (LRC) media and other scheduled support, including scheduled tests.

XIII. ANY OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES:

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