

PEM 244C : Advanced Cardiology

Includes the pathophysiology, clinical manifestations, and treatment of cardiovascular emergencies. Advanced Cardiac Life Support certification (ACLS) is an integral part of the course. Any failure in PEM 126C, PEM 135C, or PEM 244C will trigger a failure in PEM 162C (even if a passing grade in PEM 162C has been achieved).

Credits 2

Lab/Practicum/Clinical Hours 0

Lecture Hours 2

Prerequisites

All fall PEM courses

Co-Requisite Courses

PEM 126C

PEM 135C

PEM 162C

Learning Outcomes

- Synthesize patient history, assessment findings, and ECG analysis to form a treating diagnosis for the patient with a cardiac complaint.
- Describe the incidence, morbidity, and mortality of vascular disorders.
- Understand the pathophysiology of, and identify the risk factors for, coronary artery disease,
- Describe the pathophysiology, signs and symptoms, and pre-hospital management (including drug therapy) for each of the types of cardiac rhythms,
- Identify and administer the supportive measures for delivery of Advanced Cardiac Life Support.