

PEM 292C : 12 Lead EKG Interpretation/Difficult Airway Seminar

Primary certification in the interpretation of 12 lead EKGs including injury and ischemia patterns, normal and abnormal findings, and the 12 lead as a diagnostic tool will be covered. Principles of ACS diagnosis/management will be an integral part of the course. The difficult airway portion of the course will include: RSI, adjunctive airways, difficult and failed airways, and the airway decision process.

Credits 2

Lab/Practicum/Clinical Hours 0

Lecture Hours 2

Co-Requisite Courses

PEM 163C

PEM 201C

BIOL 222C

Learning Outcomes

- Demonstrate basic and advanced 12-lead interpretation skills, clinical decision-making, and recognition of acute coronary syndromes (ACS) as well as ACS-imitators.
- Differentiate between ST-Elevation Myocardial Infarction and Non-ST-Elevation Myocardial Infarction.
- Recognize effects different electrolytes have on a 12-lead ECG and identify/understand the heart's axis.
- Identify the settings in which rapid sequence intubation (RSI) is needed and the medications used.
- Identify a potentially difficult airway.
- Identify and manage a failed airway – including the use advanced adjuncts and procedures that can be utilized if the difficult airway.
- Demonstrate mastery of knowledge as required by the National EMS Educational Standards.