

**NVCC COLLEGE-WIDE COURSE CONTENT SUMMARY
EMS 155 - ALS MEDICAL CARE (4 CR.)**

Course Description

Continues the Virginia Office of Emergency Medical Services Intermediate and/or Paramedic curricula. Includes ALS pharmacology, drug and fluid administration with emphasis on patient assessment, differential diagnosis and management of multiple medical complaints. Includes, but are not limited to conditions relating to cardiac, diabetic, neurological, non-traumatic abdominal pain, environmental, behavioral, gynecology, and toxicological disease conditions. Prerequisites: Current EMT-B certification, EMS 151 and EMS 153. Lecture 3 hours. Laboratory 2 hours. Total 5 hours per week.

General Course Purpose

To prepare the student for advanced life support certification.

Entry Level Competencies

EMT-B certification, successful completion of EMS 151 & EMS 153

Course Goals and Objectives

Goals

To introduce the EMT-Basic provider to advanced life support medical care.

Objectives

Objectives from Virginia Office of Emergency Medical Services Standard Curriculum are too numerous to include here. Please see the standard curriculum at:
<http://www.vdh.virginia.gov/OEMS/Training/ResourceCD/Content/NHTSA%20Curricula.htm>

Major Topics to be Included

Medical emergencies complicated by:

- * acute and chronic cardiovascular disease
- * endocrine disease, as it relates to diabetic emergencies
- * neurological disease
- * non-traumatic abdominal disease conditions
- * environmental exposures
- * behavioral conditions
- * gynecological
- * toxicological disease conditions