

**NVCC COLLEGE-WIDE COURSE CONTENT SUMMARY  
EMS 157 - ALS TRAUMA CARE (3 CR.)**

**Course Description**

Continues the Virginia Office of Emergency Medical Services Intermediate and/or Paramedic curricula. Utilizes techniques which will allow the student to utilize the assessment findings to formulate a field impression and implement the treatment plan for the trauma patient. Prerequisites: Current EMT-B certification and EMS 151. Lecture 2 hours. Laboratory 2 hours. Total 4 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

**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**

- Trauma systems
- Kinematics of trauma
- Hemorrhage, bleeding control and shock
- Soft tissue and burn injuries
- Penetrating and blunt-force trauma
- Traumatic injuries as related to all body system