

Gateway **S.M.A.R.T.** Plan

Associate of Applied Science: Emergency Medical Services - Paramedic

Associate Degree requirements: Students are required to hold current unrestricted certification as an EMT in KY or with the National Registry EMT to be eligible for paramedic program admission. A background check is required and KY/National EMT certification.

Pre-requisite Course	Cr	Grade	Offered
EMS 105 Emergency Medical Technician <u>or</u> KY EMT Certification/National Registry	6		Fall/Spring

Pre-requisite/Co-requisite Courses	Cr	Grade	Offered
<i>MAT 110 Applied Mathematics (or higher) *</i>	3		All
<i>BIO 135 Basic Anatomy and Physiology with Lab <u>or</u> (BIO 137 and BIO 139)</i>	4		All
<i>AHS 115 Medical Terminology</i>	3		All

Courses	Cr	Grade	Offered
EMS 200 Introduction to Paramedicine	4		Fall
EMS 210 Emergency Pharmacology	3		Fall
EMS 211 Fundamentals Lab	2		Fall
EMS 215 Clinical Experience I	1		Fall

Courses	Cr	Grade	Offered
EMS 220 Cardiovascular Emergencies	3		Spring
EMS 221 Cardiac and Trauma Lab	1		Spring
EMS 240 Medical Emergencies I	3		Spring
EMS 225 Clinical Experience II	1		Spring
EMS 250 Medical Emergencies II	3		Spring
EMS 270 EMS Operations	1		Spring

Courses	Cr	Grade	Offered
EMS 230 Traumatic Emergencies	4		Summer
EMS 235 Clinical Experience III	2		Summer

Courses	Cr	Grade	Offered
EMS 275 Seminar in Advanced Life Support	1		Fall
EMS 285 Field Internship and Summation	5		Fall
EMS 260 Special Populations	3		Fall
EMS 231 Medical Lab	1		Fall
<i>Heritage/Humanities Course (ie., PHI 110 Medical Ethics) *</i>	3		All

Courses	Cr	Grade	Offered
<i>COM 181 Basic Public Speaking *</i>	3		All
<i>Digital Literacy (Rec. OST 105 - Introduction to Information Systems <u>or</u> CIT 105) *</i>	3		All
<i>AHS 201 Management Principles for Healthcare Providers *</i>	3		All
<i>PSY 110 General Psychology *</i>	3		All
<i>ENG 101 Writing I *</i>	3		All

Notes

* General Education credits can be taken in any order, but it is recommended that the biology course(s) be taken before or as co-requisite with the first semester of EMS courses.

Updated 7/15/16

