

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

Associate in Applied Science: Emergency Medical Services – Paramedic

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 certification.

Pre-Requisites Courses

Certifications	Cr	Grade	Offered
EMS 105 Emergency Medical Technical or KY EMT Certification/National Registry	6		Fall/Spring
Pre-Requisite/Co-Requisite Courses	Cr	Grade	Offered
AHS 115 Medical Terminology	3		All
BIO 135 Basic Anatomy and Physiology with lab (or BIO 137 and BIO 139)	4		All
MAT 110 Applied Mathematics (or higher level Quantitative Reasoning course)	3		All

Recommended Semester 1

Courses	Cr	Grade	Offered
EMS 201 Principles of Paramedicine I	6		Fall
EMS 202 Principles of Paramedicine II	5		Fall
EMS 203 Practicum I (Clinical)	1		Fall
EMS 204 Principles Lab I	2		Fall
EMS 207 Principles Lab II	1		Fall

Recommended Semester 2

Courses	Cr	Grade	Offered
EMS 205 Principles of Paramedicine III	6		Spring
EMS 206 Practicum II (Clinical)	3		Spring
EMS 2081 Principles of Paramedicine IV – Part 1	4		Spring
EMS 209 Principles Lab III	2		Spring

Recommended Semester 3

Courses	Cr	Grade	Offered
EMS 2082 Principles of Paramedicine IV – Part 2	2		Summer
EMS 212 Practicum III-Field	4		Summer
EMS 213 Principles of Paramedicine V	2		Summer

Recommended Semester 4

Courses	Cr	Grade	Offered
Digital Literacy - CIT 105 Introduction to Computers or OST 105 Introduction to Office Systems (or Competency demonstrated by exam)*	3		All
ENG 101 Writing I*	3		All
Heritage/Humanities General Education course (rec. PHI 110 Medical Ethics)*	3		All
Oral Communications General Education course (rec. COM 252 Introduction to Interpersonal Communications)*	3		All



Courses	Cr	Grade	Offered
PSY 110 General Psychology *	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-requisites with the first semester of EMS courses.
- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.

Updated 6/25/20

