

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

Associate in Applied Science: Emergency Medical Services – Paramedic (69 Total Credit Hours)

Note: The Emergency Medical Services Program requires a criminal background check with the approved vendor, proof of vaccinations/titers (Hep B, Tdap, MMR, Varicella, Covid-19, Seasonal Flu), and annual tuberculosis screening. More information will be discussed with the Program Coordinator at the required time for completion.

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 151 Intro to Applied Statistics (or other AAS 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
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 3/22/22

