Paramedicine

Associate of Applied Science Degree

Major Code: 510904A

About the Program

The Emergency Medical Services (EMS) program is accredited by the Oregon Department of Education and the Oregon Health Authority – EMS, and the Paramedicine program is nationally accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the EMS Professions (CoAEMSP).

The program offers career training for entry-level personnel ranging from EMTs to paramedics. During the first year of study, successful completion of the EMT course leads to eligibility to sit for the state and National Registry EMT exams. Successful completion of this curriculum qualifies the graduate to sit for the state and national registry exams to become a paramedic.

The curriculum in RCC courses is derived from a set of identified learning outcomes that are relevant to the discipline. For a list of learning outcomes for this discipline or program, see www.roguecc.edu/Programs/LearningOutcomes.

Entry Requirements

As part of their training program, students are required to take a placement test to determine skill levels in math, reading and writing. Students must begin with the courses within their skill levels as determined by placement test scores.

This program requires an application and satisfaction of certain course admission criteria prior to enrolling in paramedic courses. Information is available on the Emergency Services (ES) Department website (www.roguecc.edu/EmergencyServices/EMS) or at the ES Department office located at the RCC Table Rock Campus. Students are strongly encouraged to meet with an ES Department advisor prior to beginning any coursework.

Students must be at least 17 years old to apply to the EMT course. Students must be high school graduates or have a GED or equivalent for certification. In addition, students must meet the qualifications outlined by the Oregon Health Authority – EMS. Students are required to submit verification of certain immunizations and medical tests. Students are also required to pass a drug screen and a criminal background investigation prior to their mandatory clinical time.

Advanced Standing

Students will normally have completed the entire first year requirements for this program prior to enrolling in the paramedic course. Applicants to the paramedic course will be selected on the basis of experience as an EMT, overall academic GPA, success in BI231, BI232, and BI233, and the number of classes remaining to complete the degree program. An oral interview will be conducted during summer term for all eligible candidates. Students are required to have completed 52 or more credits of program requirements before they are eligible to begin the paramedic course. Additional requirements will be in accordance with current statewide policies and procedures. Courses from accredited colleges and universities will be accepted in accordance with college policies and the ES Department chair's recommendation. In order to ensure that coursework is current, program courses over five years old must be reviewed and approved by the ES Department chair before being accepted toward core requirements.

Graduation Requirements

Students completing the credits outlined in this program with a grade of "C" or better and successfully certifying at the EMT level, will earn an Associate of Applied Science degree in Paramedicine. Certain required courses may be graded on a pass/no pass basis only. A grade of "P" for these courses indicates a student earned a "C" or better grade.

Prerequisites

Students are strongly encouraged to meet with an Emergency Services Department advisor prior to beginning any coursework.

Course No.	Course Title	Credits
BI211	General Biology I with lab [1]	4
——	Approved 3-4 credit computer science class, CS120 or above or documented computer proficiency [2,3]	0-4
MTH63	Applied Algebra I or MTH60 Fundamentals of Algebra I or designated placement test score	0-4
RD30	College Reading or designated placement test score as shown on current indicator chart	0-4
WR115	Introduction to Expository Writing or designated placement test score as shown on current indicator chart	0-3
Total Prerequisite Credits		**4-19**

First Year Required Courses

Course No.	Course Title	Credits
First Term		
AH100	Medical Terminology: Introduction	3
BI231	Anatomy and Physiology I with lab	4
ES105	Introduction to Emergency Services	4
ES131	EMT Part I	4
ES131L	EMT Part I Lab	1
		16
Second Term		
BI232	Anatomy and Physiology II with lab	4
ES132	EMT Part II	4
ES132L	EMT Part II Lab	1
EMS170	Emergency Communication and Documentation	2
MTH96	Applied Algebra II or MTH95 Intermediate Algebra or higher level math	4
		15
Third Term		
BI233	Anatomy and Physiology III with lab	4
EMS205	Crisis Management	3
ES268	Emergency Service Rescue	3
EMS171	Emergency Patient Transportation or FRP253 Apparatus Driver	2-3
WR121	English Composition I	4
		16-17
Total First Year Credits		**47-48**

Second Year Required Courses

Course No.	Course Title	Credits
Fourth Term		
EMS271	Paramedic Part I	8
EMS271L	Paramedic Lab Part I	2
EMS281	Paramedic Clinical Practice I	1
SP111	Fundamentals of Public Speaking or SP218 Interpersonal Communications	4
		15
Fifth Term		
EMS272	Paramedic Part II	8
EMS272L	Paramedic Lab Part II	2
EMS282	Paramedic Clinical Practice II	2
HPE295	Health and Fitness for Life	3
		15
Sixth Term		
EMS273	Paramedic Part III	5
EMS273L	Paramedic Lab Part III	2
EMS283	Paramedic Clinical Practice III	2
PSY101	Psychology of Human Relations or BT101 Human Relations in Organizations	3
——	Approved social science elective (see catalog for approved list of electives)	3-4
		15-16

(over)

Seventh Term

EMS284	Paramedic Clinical Practice IV	8
——	Approved program elective	3-6
		11-14

Total Second Year Credits **56-60**

TOTAL PROGRAM CREDITS **103-108**

Approved Program Electives

(minimum 3 credits required)

Course No.	Course Title	Credits
AH110	Medical Terminology: Clinical	3
BT102	Introduction to Supervision	3
BT111	Conflict Management	2
CG144	Introduction to Assertiveness	1
CHEM104	Introductory Chemistry with lab and recitation	5
CJ243/SOC243	Drugs, Crime and Addiction	4
ED120	Leadership I	1
ED121	Leadership II	1
ED122	Leadership III	1
EMS160	Electrocardiogram (ECG) Interpretation	2
EMS162	12-lead ECG Interpretation	2
EMS165	Introduction to Pharmacology for Health Occupations	2
EMS181	Advanced EMT Part I	5
EMS182	Advanced EMT Part II	5
EMS183	Advanced EMT Part III	2
EMS280	Cooperative Work Experience/EMS	1-6
EMS299	Workshop: EMS Training	variable
FRP251	Firefighter Level I [4]	3
FRP251L	Firefighter Level I Lab [4]	5
FRP261	Hazardous Materials First Responder Operations	1
FRP285	Fire Instructor I	3
HC100	Community Health Worker	6
HCI120	Introduction to the Health Care Industry	3
ITP101	Sign Language	2
LIB127	Introduction to Library Research Methods	1
MTH95R	Intermediate Algebra Recitation	1
MTH105	Introduction to Contemporary Mathematics	4
MTH243	Probability and Statistics	4
WR185	Understanding English Grammar	2
WR227	Technical Writing	4
——	Any foreign language	4

Emergency Medical Service and Inservice Training

Up to 16 credits may be applied to the Paramedicine AAS degree for students who have completed EMS education or pre-hospital care experience. See the Emergency Services Department chair for information.

[1] BI211 is a prerequisite to BI231; CHEM104 also highly recommended.

[2] Required for graduation.

[3] Successful completion of CS120, or otherwise meeting the proficiency requirement within the last 10 years, fulfills this requirement.

[4] FRP251 taken previously for 8 credits but without a separate lab is also acceptable.

For more information contact the Emergency Services Department:

Grants Pass or Medford 541-245-7965
Toll free in Oregon .....800-411-6508, Ext. 7965
email .....vwallace@roguecc.edu
Web address ..... www.roguecc.edu/emergencyservices
TTY ..... Oregon Telecom Relay Service, 711

This advising guide is for advising purposes only. Please see current college catalog for additional information on specific college policies and graduation requirements.

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