

Fire Science (EP) Associate in Applied Science

Semester Sequence

Offered at Eden Prairie Only

First Semester

FRPT1137	Introduction to Fire and Emergency Services	3
FRPT1161	Building Construction for Emergency Services	3
FRPT1250	Incident Command for Emergency Services	3
FRPT1265	Principles of Emergency Services Safety and Survival	3
ENGL1070	Technical Writing	3
	or	
ENGL1100	Writing and Research	4

Total Credits 15

Second Semester

	Choose one of the following:	
COMM1250	Interpersonal Communication	3
COMM1260	Small Group Communication	3
COMM1280	Public Speaking	3
	Technical Studies Electives	12
	Recommended:	
FRPT1126	Introduction to Fire Investigation	3

Total Credits 15

Third Semester

FRPT1156	Fire Protection Systems	3
FRPT1260	Fire Behavior and Combustion	3
FRPT1270	Introduction to Fire Prevention	3
	Choose three credits from MnTC Goal Areas 3, 4, or 5	3
	Technical Studies Electives	3

Total Credits 15

Fourth Semester

	Choose one of the following:	
BIOL1100	Nutrition and Health	3
BIOL1300	Introduction to Forensic Science	3
BIOL2125	Anatomy and Physiology I	4
BIOL2225	Anatomy and Physiology II	4
	One course from MnTC Goal Area 2	3
	Choose 3 credits from MnTC Goal Area 9	3
	Recommended:	
POLI1000	Introduction to American Government and Politics	3
SOCI1500	Introduction to Criminal Justice	3
	Technical Studies Electives	9

Total Credits 15**MnTC Goal Area 3**

A complete list of MnTC courses and Goal Areas that can be used to meet General Education requirements can be found at www.hennepintech.edu. The same course cannot satisfy more than one MnTC Goal Area requirement.

BIOL1000	Biology in Society	4
BIOL1300	Introduction to Forensic Science	3
BIOL1400	Human Biology	4
BIOL2005	General Biology I	4
BIOL2225	Anatomy and Physiology II	4
BIOL2235	Microbiology	4
CHEM1000	Introduction to Chemistry	4
CHEM1100	General, Organic, and Biological Chemistry Foundations	4
PHYS1005	Introductory Physics I	3
PHYS1010	Introductory Physics II	3
PHYS2005	College Physics I	4
PHYS2010	College Physics II	4

MnTC Goal Area 4

MATH1150	Applications of Quantitative Reasoning	3
MATH1250	Introduction to Statistics	3
MATH1400	College Algebra	4
PHIL1000	Introduction to Logic	3

MnTC Goal Area 5

ECON1200	Principles of Microeconomics	3
ECON1300	Principles of Macroeconomics	3
ENGL1200	Introduction to Humanities	3
HIST1400	Contemporary World History	3
POLI1000	Introduction to American Government and Politics	3
PSYC1000	General Psychology	3
PSYC1200	Psychology Throughout the Lifespan	3
PSYC1300	Abnormal Psychology	3
SOCI1100	Introduction to Sociology	3
SOCI1200	Marriage and Family	3
SOCI1400	Race in America	3
SOCI1500	Introduction to Criminal Justice	3
SOCI1600	Food and Society	3

MnTC Goal Area 9

ARTS1005	Art and Social Justice	3
BIOL1300	Introduction to Forensic Science	3
ECON1200	Principles of Microeconomics	3
PHIL1200	Ethics	3
PHIL1400	Medical Ethics	4
PHIL1600	Environmental Ethics	3
POLI1000	Introduction to American Government and Politics	3
SOCI1500	Introduction to Criminal Justice	3

Technical Studies Electives

	Recommended:	
EMSV1000	Introduction to EMS Systems	1
EMSV1050	Emergency Medical Responder (First Responder)	3
EMSV1100	Emergency Medical Technician - Basic	6
EMSV1136	Understanding EKGs	2
EMSV1146	Medical Terminology for EMS/ER Personnel	3
EMSV1190	Intravenous (IV) Access	1
FRPT1061	Occupational Safety and Health for Emergency Services	3
FRPT1101	Fire Fighter I	4
FRPT1105	Fire Fighter II	2
FRPT1126	Introduction to Fire Investigation	3
FRPT1166	Apparatus Operator	1
FRPT1176	Hazardous Materials First Responder Operational	2
FRPT1181	Hazardous Materials Technician	1
FRPT1255	Introduction to Emergency Management	3
FRPT1275	Introduction to Emergency Communication Systems	3
FRPT1280	Hazardous Materials Chemistry	3
FRPT1285	Fire Protection Hydraulics and Water Supply	2
FRPT1290	Emergency Services Instructor	4
FRPT2111	Strategy and Tactics	3
FRPT2121	Advanced Fire Investigation	3
FRPT2250	Incident Command for Emergency Managers	3
FRPT2255	Introduction to Homeland Security	3
FRPT2260	Legal Aspects of Emergency Services	3
FRPT2265	Principles of Fire and Emergency Service Administration	3
FRPT2270	Fire and Life Safety Education	4
FRPT2275	Fire Inspection and Code Enforcement	3
FRPT2280	Emergency Services Internship	1

Choose a Total of: 24 Credits**Graduation (60 Credits)**

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice. This listing is to be used strictly as an advising tool.

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