

FIRE SCIENCE ASSOCIATE IN APPLIED SCIENCE DEGREE (FIRES D401)

✓ FCC	LTC	OCC	WVC
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Graduates of the fire degree and certificate programs will have the knowledge, attitudes, skills, habits, and hands-on experience needed to perform a variety of firefighting functions, including fire scene operations, fire prevention, fire instruction, and hazardous materials operations. Graduates can apply their skills fighting fire, performing fire prevention inspections, and operating fire equipment. Graduates will be able to evaluate a fire scene, develop strategies for handling different types of fire incidents, develop pre-fire plans, evaluate a business/industry for fire hazards, and evaluate/manage a hazardous materials incident. Topics of study include: techniques of firefighting, hazardous materials, fire apparatus, fire service instruction, fire prevention, and first responder.

Graduates will have the potential for employment as a firefighter, fire investigator, arson investigator, fire prevention officer, fire service executive support specialist, fire service vehicle operator, fire apparatus engineer, fire instructor, training program manager, fire officer, safety educator, or fire prevention inspector.

Prior to enrollment in this program, fire department service records must be provided, if applicable. In addition to fees, students are required to have all safety gear that meets current National Fire Protection Association (NFPA) standards.

First Semester			Credit Hours 16
EMA	1200	Basic NIMS Certification**	2
EPF	1203	Fire Ground Operations	3
EPF	1205	Vehicle Operator Fundamentals	1
EPF	1208	Firefighting Fundamentals	4
EPF	1209	Fire Suppression Fundamentals	4
EPH	1200	Hazardous Mat Fundamentals	1
EPM	1200	CPR Fundamentals	0.5
EPM	1620	CPR/First Aid	V.5

Second Semester			Credit Hours 15.5
EPF	1204	Advanced Firefighter Tech	2
EPF	1206	Extrication Practices	3
EPF	1207	Fire Apparatus Engineer	3
EPF	1219	Technical Rescue Awareness	1
EPF	1600	Firefighting Safety Fundamentals**	0.5
EPH	1201	Hazardous Materials Operations	3
		Social Science Gen Ed Elective ^{1*} OR	
		Humanities Gen Ed Elective ^{1*}	3

Third Semester			Credit Hours 19
ENG	1111	Composition ^{1, 2} OR	
ENG	1201	Communications ¹	3
EPF	2203	Fire Instructor I	3
EPF	2204	Fire Investigation & Inspection	3
EPF	2205	Fire Prevention Officer	3
EPF	2230	Fire Service Internship OR	3
EMA	1210	Incident Command Fundamentals	
MTH	1201	Technical Mathematics ¹	V4

Fourth Semester			Credit Hours 18
EPF	2206	Fire Admin Fundamentals	3
EPF	2207	Fire Administration Applications	3
EPF	2209	Tactic & Strategy Fundamentals	3
EPM	1201	Emergency Medical Responder	V4
SPE	1101	Fundamentals of Effective Speaking ^{1, 2} OR	
SPE	1111	Interpersonal Communications ¹	3
		General Education Elective ¹	2

Total Credit Hours 68.5

¹General Education Hours (15)

²Students considering transfer options should take this course.

*Course must satisfy the IECC human diversity requirement.

**State/FEMA certifications accepted.

ADVANCED SUPPRESSION SPECIALIST CERTIFICATE (FIRES C403)

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First Semester		Credit Hours 13
EPF 1203	Fire Ground Operations	3
EPF 1205	Vehicle Operator Fundamentals	1
EPF 1208	Firefighting Fundamentals	4
EPF 1209	Fire Suppression Fundamentals	4
EPH 1200	Hazardous Mat Fundamentals	1

Third Semester		Credit Hours 6
EPF 1206	Extrication Practices	3
EPF 1207	Fire Apparatus Engineer	<u>3</u>
Total Credit Hours		28.5

**State/FEMA certifications accepted

Second Semester		Credit Hours 9.5
EMA 1200	Basic NIMS Certification**	2
EPF 1204	Advanced Firefighter Tech	2
EPF 1219	Technical Rescue Awareness	1
EPF 1600	Firefighting Safety Fundamentals**	0.5
EPH 1201	Hazardous Material Operations	3
EPM 1200	CPR Fundamentals	0.5
EPM 1620	CPR/First Aid	0.5

BASIC FIRE SUPPRESSION TECH CERTIFICATE (FIRES C404)

First Semester		Credit Hours 13
EPF 1203	Fire Ground Operations	3
EPF 1205	Vehicle Operator Fundamentals	1
EPF 1208	Firefighting Fundamentals	4
EPF 1209	Fire Suppression Fundamentals	4
EPH 1200	Hazardous Mat Fundamentals	1

Second Semester		Credit Hours 7.5
EMA 1200	Basic NIMS Certification**	2
EPF 1219	Technical Rescue Awareness	1
EPF 1600	Firefighting Safety Fundamentals**	0.5
EPH 1201	Hazardous Materials Operations	3
EPM 1200	CPR Fundamentals	0.5
EPM 1620	CPR/First Aid	<u>0.5</u>
Total Credit Hours		20.5

**State/FEMA certifications accepted.

FIRE SERVICE ADMINISTRATOR CERTIFICATE (FIRES C402)

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First Semester Credit Hours 16

EMA 1200	Basic NIMS Certification**	2
EPF 1203	Fire Ground Operations	3
EPF 1205	Vehicle Operator Fundamentals	1
EPF 1208	Firefighting Fundamentals	4
EPF 1209	Fire Suppression Fundamentals	4
EPH 1200	Hazardous Mat Fundamentals	1
EPM 1200	CPR Fundamentals	0.5
EPM 1620	CPR/First Aid	V.5

Second Semester Credit Hours 12.5

EPF 1204	Advanced Firefighter Tech	2
EPF 1206	Extrication Practices	3
EPF 1207	Fire Apparatus Engineer	3
EPF 1219	Technical Rescue Awareness	1
EPF 1600	Firefighting Safety Fundamentals**	0.5
EPH 1201	Hazardous Materials Operations	3

Third Semester Credit Hours 12

EPF 2203	Fire Instructor I	3
EPF 2204	Fire Investigation & Inspection	3
EPF 2205	Fire Prevention Officer	3
EPF 2230	Fire Service Internship OR	3
EMA 1210	Incident Command Fundamentals	

Fourth Semester Credit Hours 13

EPF 2206	Fire Administration Fundamentals	3
EPF 2207	Fire Administration Applications	3
EPF 2209	Tactic & Strategy Fundamentals	3
EPM 1201	Emergency Medical Responder	V4

Total Credit Hours 53.5

**State/FEMA certifications accepted.