

Career Pathways for COTR Fire Services Training Graduates*

A. CSU Degrees for Firefighters Seeking Advancement within the Fire Service	
CSU Degree	Potential Career Progression
AS Fire Science	Fire Prevention • Public Education • Training Support
BS Fire Administration	Lieutenant • Captain • Battalion Chief • Training Officer
BS Criminal Justice Administration – Arson Investigation	Fire Investigator • Assistant Fire Marshal • Fire Prevention Inspector
BS Occupational Safety and Health	Fire Department Safety Officer • Health and Safety Coordinator
MS Fire Executive Leadership	Deputy Chief • Fire Chief • Regional Fire Leader
Doctor of Fire Integrated Research	Executive Fire Leadership • Policy Advisor • Fire Service Research
B. CSU Degrees for Firefighters Seeking Career Transition or Expansion	
CSU Degree	Potential Career Paths
AS Business	Small Business Owner • Fire Service Contractor • Fire Protection Services Manager
BS Business Administration – Project Management Concentration	Project Manager • Municipal Planner • Operations Manager
BS Environmental Management	Wildfire Mitigation • Environmental Compliance • Risk Assessment
BS Human Resources Management	Training Coordinator • Recruitment Officer • Human Resources Manager
MBA – Project Management Concentration	Senior Project Manager • Operations Executive
Doctor of Organizational Leadership	Executive Director • Organizational Consultant • Government Administrator

*** Disclaimers:**

- The career pathways listed above are for general informational purposes only and do not guarantee employment or promotion. Actual opportunities depend on employer requirements, individual experience, and any certifications or credentials required by the jurisdiction.
- Admission to CSU programs requires meeting all stated academic and institutional requirements, and completion of any program is contingent upon fulfilling all degree requirements outlined in the applicable academic catalog.

College of the Rockies (COTR) – Columbia Southern University (CSU)
Fire Training Certificate Credit Mapping with Degree Application Summaries
(COTR Complete or Academic Transcript required for possible credit.)

Table 1: COTR to CSU Course Equivalency Mapping - Fire Training Certificate

Courses completed within the Fire Training Certificate are individually evaluated for CSU undergraduate credit as outlined below.

COTR Courses	COTR Semester Credits	CSU Undergraduate Course Equivalencies*	CSU Credits*
FIRE 102: Rapid Intervention Awareness	1	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	1
FIRE 103: Emergency Scene Traffic Control	0.5	No Credit	-
FIRE 111: Hazardous Materials Awareness	0.5	No Credit	-
FIRE 112: Hazardous Materials Operations	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	2
FIRE 113: Incident Command Systems 100	0.5	No Credit	-
FIRE 114: Incident Command Systems 200	0.5	No Credit	-
FIRE 116: First Responder	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	2
FIRE 117: Emergency Services Workplace Preparation	-	No Credit	-
FIRE 123: Industrial Fire Brigade Member – Incipient	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	2
FIRE 127: Fire Fighting Practices Level I and II	14	FIR 2301: Principles of Fire and Emergency Services	3
		FIR 2302: Principles of Fire and Emergency Services Safety and Survival	3
		AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	8
FIRE 130: Fire Driver Pumper Operator	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	2
FIRE 133: Common Vehicle Rescue Technician (including Awareness and Operations)	3	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	3
FIRE 134: Confined Space Rescuer (Awareness and Operations)	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	2
FIRE 135: Rope Rescuer (Awareness and Operations)	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives <i>(as applicable to other degree plans)</i>	2

Example Degree Application Summaries:

The following tables illustrate how eligible COTR Fire Training Certificate coursework from Table 1 may apply toward select CSU degree programs.

Table 2: Application of Credit from Completed COTR Fire Training Certificate Program Toward the CSU Bachelor of Science in Fire Administration

CSU Degree Requirements	CSU Credits Required	COTR Courses Transferred	CSU Undergraduate Equivalencies*	COTR Credits Applied*	CSU Credits Remaining*
Major Requirements	36	FIRE 127	FIR 2301, 2302	6	30

Program Electives	12	Fire Training Certificate coursework from Table 1 applied as appropriate	Program Electives Credit	12	0
Open Electives	42	Remaining eligible Fire Training Certificate coursework from Table 1	Open Electives Credit	12	30
General Education	30	—	—	0	30
Total	120	—	—	30	90

Table 3: Application of Credit from Completed COTR Fire Training Certificate Program Toward the CSU Bachelor of Science in Criminal Justice Administration (Arson Investigation Concentration)					
CSU Degree Requirements	CSU Credits Required	COTR Courses Transferred	CSU Undergraduate Equivalencies*	COTR Credits Applied*	CSU Credits Remaining*
Major Requirements	36	—	—	0	36
Concentration – Arson Investigation	12	—	—	0	12
Program Electives	12	—	—	0	12
Open Electives	30	Fire Training Certificate coursework from Table 1 applied as appropriate	Open Electives Credit	30	0
General Education	30	—	—	0	30
Total	120	—	—	30	90

* Course Equivalencies/General Notes:

- A COTR transcript must be submitted for eligible credit. A complete transcript is required when a student has earned both academic and continuing education credit at COTR.
- Program Elective application is dependent upon program director approval and is only possible in multiples of three credits.
- Transfer credit will be awarded based on CSU degree requirements at the time of enrollment, current transfer credit policy, and applicability to the student's degree plan, all of which are subject to change. The amount of credit awarded may vary due to these factors.
- CSU degree courses are primarily offered in three-credit-hour increments; additional CSU coursework or eligible transfer credit may be required to meet total degree requirements.

College of the Rockies (COTR) – Columbia Southern University (CSU)
Additional Fire Services Training Credit Mapping

COTR: Fire Innovation Training Program – British Columbia Playbook (COTR Complete Transcript required for possible credit.)			
COTR Courses	COTR Contact/Clock Hours	CSU Undergraduate Course Equivalencies*	CSU Credits*
BC Playbook Exterior Firefighter	65	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	1
BC Playbook Interior Firefighter	75	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	1
COTR: Continuing Education Courses (COTR Complete Transcript required for possible credit.)			
COTR Courses	COTR Contact/Clock Hours	CSU Undergraduate Course Equivalencies*	CSU Credits*
PVHE 315: Emergency Medical Responder	48	Open Electives	1
PVHE 700: Workplace Hazardous Material Information System (WHMIS)	4	No Credit	-
PVHE 701: Transportation of Dangerous Goods (TDG)	4	No Credit	-
PVIN 131: Airbrakes	20	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	1
PVNR 107: SPP-WFF 1 Wildland Firefighter Level I	7	No Credit	-
PVNR 125: Basic Chainsaw Operations and Safety	8	No Credit	-
PVNR 170: S100 Basic Fire Suppression & Safety	16	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	1
PVNR 174: S185 Fire Entrapment Avoidance & Safety	2-3	No Credit	-
COTR: Additional Fire Courses Offered (COTR Complete or Academic Transcript required for possible credit.)			
COTR Courses	COTR Semester Credits	CSU Undergraduate Course Equivalencies*	CSU Credits*
FIRE 106: Emergency Vehicle Operation	1	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	1
Combination Required: FIRE 201/202: Fire Officer I and II	6	FIR 4302: Fire Service Personnel Management (3) <u>and</u> AS/BS Fire Science Program Electives or Open Electives (as applicable to other degree plans) (3)	6
FIRE 203: Fire Service Instructor – Level I	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2
FIRE 205: Fire Officer III	3	FIR 4303: Fire and Emergency Services Administration	3
FIRE 210: Fire Inspector I	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2
FIRE 211: Fire Inspector – First Responder	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2
FIRE 212: Fire Investigator	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2
FIRE 213: Fire Inspector – NFPA 1030	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2
FIRE 214: Fire Inspector II	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2

FIRE 215: Incident Safety Officer	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2
FIRE 223: Fire Service Instructor – Level II	2	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	2
FIRE 225: Live Fire Instructor	1	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	1
FIRE 233: Live Fire Instructor In-Charge	1	AS/BS Fire Science Program Electives <u>or</u> Open Electives (as applicable to other degree plans)	1

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