

UTAH FIRE OFFICER DESIGNATION PROGRAM

RESOURCE MATRIX

This resource matrix is available to show some of the development opportunities available to Utah firefighters. A description and explanation of the terms relating to the required documentation follows:

Elements: Located in the far left column, these are competencies or benchmarks that must be met.

Additional Recommended Elements: These additional competencies have been adopted in Utah to reflect legal requirements and skills that were considered important, though not included in the International Association of Fire Chiefs (IAFC) Handbook.

Resources Available

Education: UVU Courses: This column shows specific, current UVU general education and fire/emergency services courses that meet the element requirements. Older UVU/UVSC courses or courses from another regionally accredited college or university can also be accepted with proper transcripts and documentation of learning objectives.

Training: This column shows examples of training classes that are regularly available to Utah firefighters through the Utah Fire & Rescue Academy (UFRA), the National Wildfire Coordinating Group (NWCG), the National Fire Academy (NFA), etc. Other courses from any training provider, including fire departments, may also be recognized with documentation showing that the element is met by completing such training. Course certificates of completion or transcripts must be included with the application.

Certification: This column lists Utah Fire Service Certification System Certifications that meet required elements. Equivalent certifications earned in another certification system accredited by the International Fire Service Accreditation Congress (IFSAC) or the National Professional Qualifications System (NPQS) will be accepted.

Elements (Competencies) from IAFC Officer Development Handbook	Additional Utah Elements (Competencies)	Utah Supervising Fire Officer Recommended Development Resources					
		Education: UVU Courses	Standards	Training	Standards	Certification	Standards
Firefighter I*		Recruit Candidate Academy		Firefighter I	NFPA 1001	Firefighter I *	NFPA 1001
Firefighter II*		(Included in RCA)	NFPA 1001	Firefighter II	NFPA 1001	Firefighter II *	NFPA 1001
Fire Officer I*		ESFO 2100 Fire Officer I, Fire Administration I	NFPA 1021	UFRA Fire Officer I	NFPA 1021	Fire Officer I*	NFPA 1021
Instructor I*		ESFO 211A Fire Service Instructor I	NFPA 1041	Fire Service Instructor I or NWCG M-410	NFPA 1041	Fire Service Instructor I*	NFPA 1041
Inspector I*		ESFO 2050 Fire Protection and Detection Systems or ESFO 2030 Fire Inspector I	NFPA 1031	Fire Inspector I or NFA R220 Fire Inspection Principles	NFPA 1031	Fire Inspector I*	NFPA 1031
Emergency Medical Services		ESEC 1140 EMT Basic or EMT I/AI or ESEC 3110 Paramedic		Emergency Medical Technician or EMT I/AI		EMT-B or EMT-P	UBEMS
IMS*	NIMS Compliance*		NFPA 1561	UFRA Command Training Center Phase 1 and ICS 100, 200, 300, 700 & 800, or other courses to be evaluated	NFPA 1561	NWCG ICT 4, NWCG Single Resource Boss	NFPA 1561
Incident Safety Officer		ESFF 1120 Principles of Fire & Emergency Services Safety & Survival		NFA F349 Fire Service Safety Culture or F729 Incident Safety Officer or FDSOA Incident Safety Officer	NFPA 1521	FDSOA Safety Officer	NFPA 1521
Haz Mat: Operations*		ESFF 1340 Haz Mat: Ops (Included in RCA)		Haz Mat: Operations	NFPA 472, OSHA 1910.120	Haz Mat: Operations*	NFPA 472
	Conflict Resolution—Interpersonal Communications	PSY 2250 Psych. of Interpersonal Relationships		UFRA Recruiting and Retaining Volunteers or NFA:R331 Fire Service Organizational Theory			
	Tactics and Strategies: Structural Fires	ESFO 2100 Incident Command		NFA F458 Preparation for Initial Company Operations; Strategy and Tactics for Initial Co. Ops; Command Training Center Phase 1			
	Tactics and Strategies: Urban Interface	ESWF 2150 Fire Ops in the Wildland Urban Interface		S-205/215 Operations in the Urban Interface or NFA F610WUI Firefighting for Structural CO	ICT 4 / Single Resource Boss	NWCG ICT 4 / Single Resource Boss	NWCG ICT 4 / Single Resource Boss
	Tactics and Strategies: Haz Mat		OSHA1910,120, NFPA 472	NFA R243 Haz Mat Incident Management Haz Mat Operating Site Practices	NFPA 472		NFPA 472
	Finance/Planning—Basic			R333 Fire Service Financial Management or R331 Fire Service Organizational Theory			

*Required

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		Education: UVU Courses	Standards	Training	Standards	Certification	Standards
SFO-01 Ability to write detailed prose*		General Ed / ENGL; ENGL 1010 or ENGL 1060*					
SFO-02 Understanding and using basic interpersonal, group, and public communication skills		COMM 1020 Public Speaking or COMM 1050 Intro to Speech Communication		NFA - R107 Communications for Emergency Services Success or R332 Effective Leadership Skills for Fire & EMS Orgs; DPS G290 Basic PIO			
SFO-03 Ability to write accurate and clear letters, memos, technical reports, and business communications		ENGL 2010 Intermediate Writing		NFA - R107 Communications for Emergency Services Success			
SFO-04 Understanding about ecosystem construction and destruction, energy production and use, and waste generation and disposal		ENVT 1110 Intro to Environmental Management or any approved biology course					
SFO-05 Understanding basic principles of general chemistry, including the metric system theory and structure		Any approved chemistry course or ESFF 2430 Hazardous Materials Chemistry		NFA - Chemistry for Emergency Response / Chemistry of Hazardous Materials	NFPA 472, OSHA 1910.120		
SFO-06 Understanding basic principles of areas of psychology: physiology, cognition, motivation, learning, intelligence, personality, and mental health		PSY 1010 General Psychology or SOC 1010 Introduction to Sociology					
SFO-07 Understanding basic principles of social groups, forces, structures, processes, institutions, and events		Phil 2050 Ethics and Values*		NFA -R332 Effective Leadership Skills for Fire & EMS Orgs or R331 Fire Service Organizational Theory			
SFO-08 Understanding and using the basics of mathematical models and elementary concepts of probability and simulation; emphasis on business applications*		MAT 1000 Integrated Beginning and Intermediate Algebra 5:5:0 or MAT 1010 Intermediate Algebra or ESFO 1350 Fire Service Hydraulics & Water Supply*					
SFO-09 Understanding basic principles of information technology and business computer systems for effective daily use		Basic Computer Applications; ISYS 1050		R502 Fire Service Information Management			

*Required

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SFO-10 Understanding and implementing the basic principles of health, fitness and wellness*		HLTH 1100 Personal Health and Wellness or PES 1097 Fitness for Life	NFPA 1583	NVFC Fire Dept. Health & Wellness, NFA F730 Health & Safety Officer			
SFO-11 Understanding basic concepts of government at the federal, state, and local levels		POLS 1000 American Heritage or HIST 2700 & 2710 US History to/since 1877 or HIST 1700 American Civilization or ECON 1740 US Economic History or POLS 1100 American National Government		U of U Foundations for Leadership			
SFO-12 Understanding functional areas of human resource management and laws; job analysis, testing; performing interviewing, selection, training, and performance evaluation		ESFO 2100 Fire Officer I	NFPA 1021 (partial)	NFA-R824 Management Strategies for Success (3 points) or R332 Effective Leadership Skills for Fire & EMS Orgs, F803 Leadership U of U Foundations for Leadership Leading an Agile Organization		Fire Officer I (3 points)	
SFO-13 Understanding basic theories and fundamentals of how and why fires start, spread, and are controlled.		ESFF 1000 Intro to Emergency Services or ESFO 1100 Fire Behavior and Combustion	NFPA 1001 (partial) 1031 (partial) 1033 (partial)	NFA-R 205 Fire Arson Investigation or R811 Fire Cause Determination or Initial Fire Investigation		Fire Investigator I (4 points)	
SFO-14 Understanding the components of building construction related to fire and life safety, including inspections, pre-incident planning, and emergency operations		ESFO 2080 Building Construction for the Fire Services	NFPA 1031 & 1021 (partial)	NFA-R/N135 Fire Protection for the Built Environment			
SFO-15 Understanding and performing basic responsibilities of company officers, including supervision, problem solving, decision making, communications, and leadership*		ESFO 2100 Fire Officer I or ESMG 3150 Public Program Administration	NFPA 1021 (partial)	NFA-Leadership I, II, III or U of U Leading an Agile Organization, UFRA Fire Officer I R332 Effective Leadership Skills for Fire & EMS Orgs	NFPA 1021 (partial)	Fire Officer I,* Fire Officer II	NFPA 1021 (partial)

*Required