

APPENDIX B: NWCG CROSSWALK FOR EDUCATIONAL REQUIREMENTS



There are many NWCG training courses that supports position performance for personnel mobilized to wildland fires and other all-hazard incidents. Some of these courses have fire ecology content and may be used to include in meeting the academic requirements for professional certification. The following is a table that presents a “Proposed AFE Credit” for each course offered by NWCG. Those credits can be added to other academic credits to meet the coursework requirements for professional certification. Blank Comments cells indicate no fire ecology content.

Course #	Title	Primary Committee	Maintained By	Proposed AFE Credit	Comments
D-110	Expanded Dispatch Recorder	NCSC	NCSC	No	
D-310	Expanded Dispatch Support Dispatcher	NCSC	NCSC	No	
D-311	Initial Attack Dispatcher	NCSC	NCSC	No	
D-312	Aircraft Dispatcher	NCSC	NCSC	No	
D-510	Expanded Dispatch Supervisory Dispatcher	NCSC	NCSC	No	
FI-110	Wildland Fire Observations & Origin Scene Protection for First Responders	CEPC	WFISC	No	
FI-210	Wildland Fire Origin & Cause Determination	CEPC	WFISC	No	
FI-310	Wildland Fire Investigation: Case Development	CEPC	WFISC	No	
G-131	Wildland Training (FFT1) for Structural Firefighters	OTC	IOSC	No	
G-231	Wildland Training (ENGB) for Structural Firefighters	OTC	IOSC	No	
G-330	Wildland Training (STEN) for Structural Firefighters	OTC	IOSC	No	
L-180	Human Factors in the Wildland Fire Service	OTC	LSC	No	
L-280	Followership to Leadership	OTC	LSC	0.25	2 ½ Day course
L-380	Fireline Leadership	OTC	LSC	NO	No specific course packet
L-381	Incident Leadership	OTC	LSC	NO	Curriculum not available for leadership courses
L-480	Organizational Leadership in the Wildland Fire Service	OTC	LSC	NO	“
L-481	Advanced Leadership for Command and General Staff	OTC	LSC	NO	“

Course #	Title	Primary Committee	Maintained By	Proposed AFE Credit	Comments
L-580	Leadership is Action	OTC	LSC	NO	"
M-410	Facilitative Instructor	OTC	OTC	1	36 HRS OF COURSE WORK
M-580	Fire in Ecosystem Management	FMC	FMC	1	40 HOURS OF COURSE WORK (NAFRI)
M-581	Fire Program Management	OTC	OTC	1	32-36 HRS OF COURSE WORK
P-101	Fire Prevention Education 1	CEPC	CEPC	NO	
P-301	Fire Prevention Education 2	CEPC	CEPC	NO	
P-310	Fire Prevention Education Team Member	CEPC	CEPC	NO	
P-410	Fire Prevention Education Team Leader	CEPC	CEPC	NO	
RT-130	Annual Fireline Safety Refresher Training	OTC	IOSC	NO	
RX-301	Prescribed Fire Implementation	FMC	FMC	NO	
RX-310	Introduction to Fire Effects	FMC	FMC	1.0	32-36 HRS Coursework
RX-341	Prescribed Fire Plan Preparation	FMC	FMC	NO	
RX-410	Smoke Management Techniques	SmoC	SmoC	0.5	
RX-510	Advanced Fire Effects	FMC	FMC	1	40 HRS Coursework
S-110	Basic Wildland Fire Orientation	OTC	IOSC	NO	
S-130	Firefighter Training	OTC	IOSC	0.25	
S-131	Firefighter Type 1 Training	OTC	IOSC	0.25	
S-190	Introduction to Wildland Fire Behavior	FENC	FBCU	0.25	
S-200	Initial Attack Incident Commander	OTC	OTC	NO	
S-203	Introduction to Incident Information	CEPC	PIOSC	NO	
S-211	Portable Pumps and Water Use	OTC	IOSC	NO	
S-212	Wildland Fire Chain Saws	RMC	IOSC	NO	
S-215	Fire Operations in the Wildland/Urban Interface	OTC	IOSC	0.25	16-24 HRS COURSEWORK
S-219	Firing Operations	FMC	FMC	0.25	18-24 HRS COURSEWORK
S-230	Crew Boss (Single Resource)	OTC	IOSC	NO	
S-231	Engine Boss (Single Resource)	OTC	IOSC	NO	
S-236	Heavy Equipment Boss (Single Resource)	OTC	IOSC	NO	
S-244	Field Observer	OTC	IPSC	0.5	28 HRS COURSEWORK

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S-245	Display Processor	OTC	IPSC	NO	
S-248	Status/Check-in Recorder	OTC	IPSC	NO	
S-258	Incident Communications Technician	ETC	NLSC	NO	
S-260	Interagency Incident Business Management	IBC	IBC	NO	
S-261	Applied Interagency Incident Business Management	IBC	IBC	NO	
S-262	Incident Contractor Project Inspector	IBC	IBC	NO	
S-270	Basic Air Operations	NIAC	NIAC	NO	
S-271	Helicopter Crewmember	NIAC	NIAC	NO	
S-273	Single Engine Airtanker Manager	NIAC	NIAC	NO	
S-290	Intermediate Wildland Fire Behavior	FENC	FBCU	0.5	37 HRS COURSEWORK
S-300	Extended Attack Incident Commander	OTC	OTC	0.25	22 HRS COURSEWORK
S-330	Task Force/Strike Team Leader	OTC	IOSC	0.25	21 HRS COURSEWORK
S-339	Division/Group Supervisor	OTC	IOSC	0.25	22 HRS COURSEWORK
S-340	Human Resource Specialist	OTC	IPSC	NO	
S-341	GIS Specialist for Incident Management	DMC	GTU	1-2	72-92 HRS COURSEWORK
S-354	Facilities Unit Leader	ETC	NLSC	NO	
S-355	Ground Support Unit Leader	ETC	NLSC	NO	
S-357	Food Unit Leader	ETC	NLSC	NO	
S-358	Communications Unit Leader	ETC	NLSC	NO	
S-359	Medical Unit Leader	RMC	IEMS	NO	
S-371	Helibase Manager	NIAC	NIAC	NO	
S-372	Helicopter Management	NIAC	NIAC	NO	
S-375	Air Support Group Supervisor	NIAC	NIAC	NO	
S-378	Aerial Supervision	NIAC	NIAC	NO	
S-390	Introduction to Wildland Fire Behavior Calculations	FENC	FBCU	1	42 HRS COURSEWORK
S-404	Safety Officer	RMC	RMC	NO	
S-420	Command & General Staff	OTC	OTC	0.5	38 HRS COURSEWORK
S-430	Operations Section Chief	OTC	IOSC	0.25	24 HRS COURSEWORK
S-440	Planning Section Chief	OTC	IPSC	0.25	21 HRS COURSEWORK
S-443	Infrared Interpreter for Incident Management	DMC	GSC	0.5	36 HRS COURSEWORK
S-445	Incident Training Specialist	OTC	IPSC	NO	17 HRS COURSEWORK

Course #	Title	Primary Committee	Maintained By	Proposed AFE Credit	Comments
S-470	Air Operations Branch Director	NIAC	NIAC	NO	
S-481	Incident Business Advisor	IBC	IBC	NO	
S-482	Strategic Operational Planning	FMC	FMC	NO	
S-490	Advanced Fire Behavior Calculations	FENC	FBCU	1	44-47 HRS COURSEWORK
S-491	Intermediate National Fire Danger Rating System	FENC	FENC	0.5	25 HRS
S-495	Geospatial Fire Analysis, Interpretation and Application	FENC	FENC	4	164 HRS INTENSIVE COURSEWORK
S-520	Advanced Incident Management	OTC	OTC	2	REQUIRES 60 HRS OF CLASSROOM WORK (NAFRI)
S-590	Advanced Fire Behavior Interpretation	FENC	FENC	3	REQUIRES 80 HRS OF CLASSROOM WORK (NAFRI) – 1 SEMESTER COLLEGE CLASS= 48 HRS
S-620	Area Command	OTC	OTC	1	REQUIRES 36 HRS OF CLASSROOM WORK (NAFRI)
X-900	Investigation of Powerline Caused Wildland Fires	CEPC	WFISC	NO	