



## NWCG Training Curriculum History

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
<b>DISPATCH</b>				
D-105	Entry Level Dispatcher*	----	4/92	Number changed to D-111 in 2/00; reference NWCG Curriculum Issue Paper #27. Course deleted from NWCG curriculum in 12/05; reference NWCG Curriculum Issue Paper #72.
D-110	Expanded Dispatch Recorder	---- 6/96 2/06	2/91 5/97 7/07	“Expanded” added to name; reference NWCG Curriculum Issue Paper #81.
D-111	Entry Level Dispatcher*	---- ----	1988 4/92	Number changed from D-105 in 2000. Course deleted from the curriculum in Dec. 2005. Reference NWCG Curriculum Issue Paper #72.
D-310	Expanded Dispatch Support Dispatcher	5/93 4/98, 4/99 11/05, 3/06 4/13, 4/14	10/93 4/00 12/07	“Expanded” added to name; reference NWCG Curriculum Issue Paper #81.
D-311	Initial Attack Dispatcher	3/03, 11/03	5/05	Qualifications changed in 10/02; reference NWCG Curriculum Issue Paper #34.
D-312	Aircraft Dispatcher	11/07	6/09	Course was developed and taught by the BLM and dispatch community several years prior to it becoming an NWCG course. Number assigned 5/05; reference NWCG Curriculum Issue Paper #69.
D-410	Supervisory Dispatcher			NAFRI Course. Course number changed to D-510.
D-510	Supervisory Dispatcher	N/A	N/A	NAFRI course
<b>FIRE INVESTIGATION</b>				
FI-110	Wildland Fire Observations & Origin Scene Protection for First Responders	6/03	3/05	Replaced P-130 in 2005. Reference NWCG Curriculum Issue Paper #31 (FI course numbering).

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
FI-210	Wildland Fire Origin & Cause Determination	5/03, 7/03	9/05	Replaced P-151 in 2005. Reference NWCG Curriculum Issue Papers #31 (FI course numbering).
FI-310	Wildland Fire Investigation: Case Development	3/06	12/11	Reference NWCG Curriculum Issue Paper #31 (FI course numbering). Course development cancelled; reference NWCG Curriculum Issue Paper #83. Reference NWCG Curriculum Issue Paper #101 (Reassignment of course number) course placed in PMS 310-1 as required for INTM
FI-311	Wildland Fire Investigation: Civil Case Management			Under development; reference NWCG Curriculum Issue Paper #105
<i>FI-410</i>	<i>Wildland Fire Investigation: Case Management</i>			<i>Reference NWCG Curriculum Issue Paper #31 (FI course numbering). Course development cancelled; reference NWCG Curriculum Issue Paper #83.</i>
<b>GAP (for Structural Firefighters)</b>				
G-130	Wildland Training (FFT2) for Structural Firefighters	----	9/08	Reference NWCG Curriculum Issue Paper #97 (Assignment of Course Names and Numbers for the Crosswalk Gap Courses).
G-131	Wildland Training (FFT1) for Structural Firefighters	----	9/08	Reference NWCG Curriculum Issue Paper #97 (Assignment of Course Names and Numbers for the Crosswalk Gap Courses).
G-231	Wildland Training (ENGB) for Structural Firefighters	----	11/08	Reference NWCG Curriculum Issue Paper #97 (Assignment of Course Names and Numbers for the Crosswalk Gap Courses).
G-330	Wildland Training (STEN) for Structural Firefighters	----	10/08	Reference NWCG Curriculum Issue Paper #97 (Assignment of Course Names and Numbers for the Crosswalk Gap Courses).
<b>INCIDENT COMMAND</b>				
<i>I-100</i>	<i>Introduction to ICS*</i>	<i>2/94</i> <i>----</i>	<i>11/94</i> <i>3/06</i>	<i>I-100 &amp; I-200 replaced I-220 in 11/94. Course format revised; reference NWCG Curriculum Issue Paper #60. Converted to online training with 2006 revision. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.</i>
<i>I-200</i>	<i>Basic ICS</i>	<i>2/94</i> <i>10/05</i>	<i>11/94</i> <i>5/06</i>	<i>I-100 &amp; I-200 replaced I-220 in 11/94; reference NWCG Curriculum Issue Paper #60. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.</i>
<i>I-220</i>	<i>Basic ICS</i>	<i>----</i>	<i>1983</i>	<i>Replaced with I-100 &amp; I-200 in 11/94.</i>
<i>I-236</i>	<i>Staging Area Manager*</i>	<i>----</i>	<i>1983</i>	<i>Replaced with J-236 in 1/96.</i>
<i>I-242</i>	<i>Infrared Imagery Interpreter</i>			<i>Incorporated into S-443.</i>

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
I-244	Field Observer/Display Processor	----	8/86	Scheduled to be replaced with J-244. Replaced with S-244 & S-245 in 10/97.
I-248	Status/Check-In Recorder*	----	3/84	Scheduled to be replaced by J-248. Replaced with S-248 in 8/98.
I-252	Ordering Manager*	----	6/85	Replaced with J-252 in 10/97.
I-253	Receiving and Distribution Manager*	----	2/84	Replaced with J-253 in 10/97.
I-254	Base/Camp Manager	----	12/85	Replaced with J-254 in 10/97.
I-255	Equipment Manager	----	1/86	Replaced with J-255 in 10/97.
I-256	Tool and Equipment Specialist*	----	3/84	Scheduled to be replaced by J-256. Incorporated into J-253 in 10/97.
I-257	Incident Dispatcher			Replaced with J-257 in 10/97.
I-259	Security Manager*	----	2/84	Replaced with J-259 in 10/97.
I-271	Helibase Manager	----	1/86	Replaced with S-371 in 5/97.
I-272	Helispot Manager	----	8/84	Incorporated into S-371 in 5/97.
I-277	Fixed-Wing Base Manger			Development cancelled. No replacement scheduled.
I-300	Intermediate ICS	2/94 10/05, 4/06	11/94 12/06	Course format revised; reference NWCG Curriculum Issue Paper #60. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.
I-330	Task Force/Strike Team Leader*	----	5/85	Replaced with S-330 in 9/96.
I-333	Strike Team Leader (Crew)	----	12/84	Replaced with S-330 in 9/96.
I-334	Strike Team Leader (Engine)	----	8/84	Replaced with S-330 in 9/96.
I-335	Strike Team Leader (Dozer)	----	12/84	Replaced with S-330 in 9/96.
I-339	Division/Group Supervisor	----	12/85	Replaced with S-339 in 3/97.
I-342	Documentation Unit Leader*	----	6/86	Replaced with J-342 in 12/99.
I-346	Situation Unit Leader	----	1986	Replaced with S-346 in 10/99.
I-347	Demobilization Unit Leader	----	6/86	Replaced with S-347 in 10/99.
I-348	Resources Unit Leader	----	6/86	Replaced with S-348 in 12/99.
I-354	Facilities Unit Leader	----	1985	Replaced with S-354 in 11/99.
I-355	Ground Support Unit Leader	----	1/86	Replaced with S-355 in 10/01.
I-356	Supply Unit Leader	----	6/86	Replaced with S-356 in 2/01.
I-357	Food Unit Leader	----	7/85	Replaced with S-357 in 10/00.
I-358	Communications Unit Leader	----	9/86	Replaced with S-358 in 9/01.
I-359	Medical Unit Leader*	----	6/86	Replaced with S-359 in 3/00.
I-362	Cost Unit Leader*	----	11/87	Replaced with S-360 in 5/01.
I-363	Compensation/Claims Unit Leader*	----	11/87	Replaced with S-360 in 5/01.

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I-365	Time Unit Leader	----	5/88	Replaced with S-360 in 5/01.
I-368	Procurement Unit Leader	----	1987	Replaced with S-360 in 5/01.
I-374	Helicopter Coordinator	----	9/86	Incorporated into S-378 in 2/99.
I-375	Air Support Group Supervisor	----	6/86	Replaced with J-375 in 3/97.
I-376	Air Tanker Coordinator	----	9/86	Scheduled to be replaced with J-376. Development of J-376 was cancelled in 3/94; reference NWCG Curriculum Issue Paper #5. Removed from PMS 12/99.
I-378	Air Attack Supervisor	----	6/86	Replaced with S-378 in 2/99.
I-400	Advanced ICS	2/94 10/05	11/94 11/06	Course format revised; reference NWCG Curriculum Issue Paper #60. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.
I-400	Incident Commander	----	6/86	Replaced with S-400 in 8/02.
I-401	Safety Officer	----	12/85	Replaced with S-404 n 2/02.
I-401	Multi-Agency Coordination	----	11/94	Incorporated into I-400 in 11/06; reference NWCG Curriculum Issue Paper #75.
I-402	Liaison Officer	----	12/85	Originally scheduled to be replaced with S-402. Development cancelled; reference NWCG Curriculum Issue Paper #24.
I-402	ICS for Executives	3/94	11/94	Deleted from the curriculum in 5/07; reference NWCG Curriculum Issue Paper #91.
I-403	Information Officer	----	5/88	Replaced with S-403 in 9/01.
I-420	Command & General Staff	----	5/86 11/96	Replaced with S-420 in 9/01.
I-430	Operations Section Chief	----	11/86	Replaced with S-430 in 4/96.
I-440	Planning Section Chief	----	6/86	Replaced with S-440 in 10/01.
I-443	Infrared Interpreter			Replaced with S-443.
I-450	Logistics Section Chief	----	1986	Replaced with S-450 in 2/02.
I-460	Finance Section Chief	----	11/87	Replaced with S-460 in 10/01.
I-470	Air Operations Branch Director	----	1/86	Replaced with S-470 in 8/02.
I-520	Advanced Incident Management			NAFRI Course. Replaced with S-520.
I-543	Infrared Regional Coordinator			Not an NWCG approved course.
I-620	Area Command			NAFRI Course. Replaced with S-620.

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
<b>JOB AIDS</b>				
J-158	Radio Operator*	----	5/02	Reference NWCG Curriculum Issue Paper #22 (development approved).
J-236	Staging Area Manager*	----	1/96 4/04 10/13	Replaced I-236 in 1/96.
J-244	Display Processor*			Scheduled to replace I-244. Development cancelled in lieu of S-245; reference NWCG Curriculum Issue Paper #14.
J-248	Status Check-In Recorder*			Scheduled to replace I-248. Development cancelled in lieu of S-248; reference NWCG Curriculum Issue Paper #14.
J-252	Ordering Manager*	----	10/97 10/03	Replaced I-252 in 10/97. Electronic only.
J-253	Receiving and Distribution Manager*	----	10/97 10/03	Replaced I-253 in 10/97. Electronic only.
J-254	Base/Camp Manager*	----	10/97 2/04	Replaced I-254 in 10/97. Electronic only.
J-255	Equipment Manager*	----	10/97 7/04	Replaced I-255 in 10/97. Electronic only.
J-256	Tool and Equipment Specialist*			Scheduled to replace I-256. Development cancelled 10/97; reference NWCG Curriculum Issue Paper #16.
J-257	Incident Communications Center Manager*	----	10/97 10/03	Replaced I-257 in 10/97. Electronic only.
J-259	Security Manager*	----	10/97 7/04	Replaced I-259 in 10/97. Electronic only.
J-261	Personnel Time Recorder*	----	10/93	Replaced old S-261 in 10/93. Reference NWCG Curriculum Issue Paper #13. Replaced with new S-261 in 3/99.
J-262	Equipment Time Recorder*			Scheduled to replace S-262. Development cancelled in lieu of S-261; reference NWCG Curriculum Issue Paper #13.
J-263	Claims Manager*			Scheduled to replace S-263. Development cancelled in lieu of S-261; reference NWCG Curriculum Issue Paper #13.
J-264	Compensation-for-Injury Manager*			Scheduled to replace S-264. Development cancelled in lieu of S-261; reference NWCG Curriculum Issue Paper #13.
J-266	Commissary Manager*			Scheduled to replace S-266. Development cancelled in lieu of S-261; reference NWCG Curriculum Issue Paper #13.

<b>Course Number</b>	<b>Course Name</b>	<b>Test Course Dates</b>	<b>Certification Dates</b>	<b>Development History</b>
J-272	<i>Helispot Manager*</i>			<i>Development cancelled 2/95; reference NWCG Curriculum Issue Paper #8.</i>
J-342	Documentation Unit Leader*	----	12/99 11/08	Replaced I-342 in 12/99. Electronic only.
J-346	<i>Situation Unit Leader*</i>			<i>Scheduled to replace I-346. Development cancelled in lieu of S-346</i>
J-347	<i>Demobilization Unit Leader*</i>			<i>Scheduled to replace I-347. Development cancelled in lieu of S-347.</i>
J-348	<i>Resources Unit Leader*</i>			<i>Scheduled to replace I-348. Development cancelled in lieu of S-348.</i>
J-354	<i>Facilities Unit Leader</i>			<i>Scheduled to replace I-354. Development cancelled in lieu of S-354.</i>
J-355	<i>Ground Support Unit Leader*</i>			<i>Scheduled to replace I-355. Development cancelled in lieu of S-355.</i>
J-356	<i>Supply Unit Leader*</i>			<i>Scheduled to replace I-356. Development cancelled in lieu of S-356.</i>
J-357	<i>Food Unit Leader*</i>			<i>Scheduled to replace I-357. Development cancelled in lieu of S-357.</i>
J-358	<i>Communications Unit Leader*</i>			<i>Scheduled to replace I-358. Development cancelled in lieu of S-358.</i>
J-359	<i>Medical Unit Leader*</i>			<i>Scheduled to replace I-359. Development cancelled in lieu of S-359.</i>
J-362	<i>Cost Unit Leader*</i>			<i>Scheduled to replace I-362. Replaced with S-360 in 5/01; reference NWCG Curriculum Issue Paper #13.</i>
J-363	<i>Compensation/Claims Unit Leader*</i>			<i>Scheduled to replace I-363. Replaced with S-360 in 5/01; reference NWCG Curriculum Issue Paper #13.</i>
J-365	<i>Time Unit Leader*</i>			<i>Scheduled to replace I-365. Replaced with S-360 in 5/01; reference NWCG Curriculum Issue Paper #13.</i>
J-368	<i>Procurement Unit Leader*</i>			<i>Scheduled to replace I-368. Replaced with S-360 in 5/01; reference NWCG Curriculum Issue Paper #13.</i>
J-374	<i>Helicopter Coordinator*</i>			<i>Scheduled to replace I-374. Development cancelled 1/96; reference NWCG Curriculum Issue Paper #10.</i>
J-375	<i>Air Support Group Supervisor*</i>	----	3/97	<i>Replaced I-375 in 3/97. Job aid replaced with classroom course in 2006; reference NWCG Curriculum Issue Paper #51.</i>
J-376	<i>Air Tanker Coordinator</i>			<i>Scheduled to replace I-376. Development cancelled 3/94; reference NWCG Issue Paper #5.</i>
J-400	<i>Incident Commander</i>			<i>Scheduled to replace I-400. Development cancelled in lieu of S-400.</i>
J-430	<i>Operations Section Chief</i>			<i>Scheduled to replace I-430. Development cancelled in lieu of S-430; reference NWCG Curriculum Issue Paper #6.</i>
J-440	<i>Planning Section Chief</i>			<i>Scheduled to replace I-440. Development cancelled in lieu of S-440.</i>

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
J-445	Training Specialist*	----	12/93	Deleted from curriculum upon 12/02 revision of S-445; changed to a field guide.
J-450	Logistics Section Chief			Scheduled to replace I-450. Development cancelled in lieu of S-450.
J-460	Finance Section Chief			Scheduled to replace I-470. Development cancelled in lieu of S-460.
<b>LEADERSHIP</b>				
L-180	Human Factors in the Wildland Fire Service	9/99, 11/99 4/00	10/00 9/08	Exists as a standalone course and also as a Unit in the 12/03 version of S-130. Reference NWCG Curriculum Issue Paper #35 (course number and name assigned). Named changed to Human Factors in the Wildland Fire Service with 2008 revision; reference NWCG Curriculum Issue Paper #96.
L-180 (online)	Human Factors in the Wildland Fire Service	N/A	4/14	
L-280	Followership to Leadership	12/01, 2/03	5/03 10/08	Reference NWCG Curriculum Issue Paper #35 (course number and name assigned/amended).
L-380	Fireline Leadership	1/00	5/04, 1/05 (course design criteria)	This course is not published in PMS. Course criteria are available on the Leadership website at <a href="http://www.fireleadership.gov/courses/courses.html">http://www.fireleadership.gov/courses/courses.html</a> ; reference NWCG Curriculum Issue Paper #40 and Issue Paper #61. Reference NWCG Curriculum Issue Paper #35 (course number and name assigned/amended).
L-381	Incident Leadership	6/02	5/04, 1/05 (course design criteria)	Replaced S-301 in 5/04. This course is not published in PMS. Course criteria are available on the Leadership website at <a href="http://www.fireleadership.gov/courses/courses.html">http://www.fireleadership.gov/courses/courses.html</a> ; reference NWCG Curriculum Issue Paper #40 and Issue Paper #61. Reference NWCG Curriculum Issue Paper #35 (course number and name assigned/amended).
L-480	Organizational Leadership in the Wildland Fire Service	3/05, 5/06	N/A	Course is maintained by the Leadership Subcommittee and contracted at the Geographic Area level; materials maintained by NAFRI. Reference NWCG Curriculum Issue Paper #35 (course number and name assigned/amended). Reference NWCG Curriculum Issue Paper #104 (course name amended).
L-481	Advanced Leadership for Command and General Staff	N/A	5/15 (course design criteria)	Reference NWCG Curriculum Issue Paper #114. Name and number assigned 10/14; reference NWCG Curriculum Issue Paper #124.

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
L-580	Leadership is Action		Continuing Education	Not available in PMS. NAFRI is the custodian for L-580 documents; the NWCG Leadership Subcommittee maintains this program.
<b>MANAGEMENT</b>				
M-410	Facilitative Instructor	--- 2/01, 4/01 6/12	3/94 8/02 3/13	Reference NWCG Curriculum Issue Paper #26 (course numbering).
M-471	<i>Interagency Aviation Management &amp; Safety</i>			<i>NAFRI Course – Replaced with Aviation Conference &amp; Education Courses (ACE) in 5/02. Reference NWCG Curriculum Issue Paper #26 (course numbering).</i>
M-480	<i>Multi-Agency Coordinating (MAC) Group</i>	---	12/03	<i>Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Papers #113 and #126.</i>
M-580	Fire in Ecosystem Management	N/A	N/A	NAFRI course. Reference NWCG Curriculum Issue Paper #26 (course numbering).
M-581	Fire Program Management	N/A	N/A	NAFRI course. Reference NWCG Curriculum Issue Paper #26 (course numbering).
<b>PREVENTION</b>				
P-101	Fire Prevention Education 1	--- 4/96 3/06, 5/06	1987 3/97 12/06	Name changed from Introduction to Wildfire Prevention in 7/06; reference NWCG Curriculum Issue Paper #82.
P-110	<i>Inspecting Fire Prone Property</i>	---	7/91	<i>Deleted from the curriculum in 10/04. Reference NWCG Curriculum Issue Paper #26 (course numbering).</i>
P-130	<i>Wildland Fire Cause Determination for First Responders</i>	9/99	2/00	<i>Deleted from the curriculum in 12/04; reference NWCG Curriculum Issue Paper #64. Replaced with FI-110 in 3/05.</i>
P-140	<i>Basic Fire Prevention</i>			<i>Not an NWCG approved course.</i>
P-151	<i>Wildfire Origin &amp; Cause Determination</i>	---	8/92	<i>Deleted from the curriculum in 1/03; reference NWCG Curriculum Issue Paper #43. Replaced with FI-210 in 8/05.</i>
P-211	<i>Railroad Fire Prevention</i>			<i>Not an NWCG approved course.</i>
P-301	Fire Prevention Education 2	3/97, 4/97 11/08, 4/09, 11/09	10/97 8/10	Named changed from Wildland Fire Prevention Planning; reference NWCG Curriculum Issue Paper #102. Course hours changed; reference NWCG Curriculum Issue Paper #108.
P-310	Fire Prevention Education Team Member	6/05	12/06	Number assigned 8/05; reference NWCG Curriculum Issue Paper #74.

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
P-410	Fire Prevention Education Team Leader	3/05, 4/06	1/08	Number assigned 8/05; reference NWCG Curriculum Issue Paper #74.
<b>RECURRENCEY/REFRESHER TRAINING</b>				
RT-130	Annual Fireline Safety Refresher Training	N/A	N/A	Number assigned 2/06; reference NWCG Curriculum Issue Paper #77.
RT-273	Single Engine Air Tanker Manager Workshop	N/A	N/A	Number assigned with revision of PMS 310-1 in April 2006.
RT-340	Human Resource Specialist Refresher Workshop	N/A	N/A	Number assigned with revision of PMS 310-1 in April 2006.
RT-372	Helicopter Manager Workshop	N/A	N/A	Number assigned 6/02; reference NWCG Curriculum Issue Paper #36.
RT-378	Air Tactical Group Supervisor Refresher Training	N/A	N/A	Number assigned 3/13; reference NWCG Curriculum Issue Paper #115.
<b>PRESCRIBED FIRE (RX)</b>				
RX-80	<i>Preburn Inventory</i>	----	2/92	<i>BIA/NPS Course.</i>
RX-90	<i>Prescribed Fire for Burn Bosses</i>	----	2/92 11/93 7/94	<i>BIA/NPS Course – Replaced with RX-300 in 10/00.</i>
RX-91	<i>Monitor Prescribed &amp; Prescribed Natural Fire</i>	----	9/92	<i>BIA/NPS Course – Replaced with RX-290.</i>
RX-92	<i>Fire Effects Monitoring for Managers</i>			<i>Not an NWCG approved course.</i>
RX-93	<i>Introduction to Fire Effects</i>			<i>BIA/NPS Course – Replaced with RX-340 in 1995.</i>
RX-95	<i>Smoke Management Techniques</i>			<i>BIA/NPS Course – Replaced with RX-450 which was then changed to RX-410.</i>
RX-96	<i>Ignition Specialist</i>			<i>BIA/NPS Course – Replaced with RX-230 which was then incorporated into S-234.</i>
RX-230	<i>Ignition Specialist</i>	6/97, 12/97	----	<i>Developed then cancelled; incorporated into S-234 in 10/99.</i>
RX-290	<i>Prescribed Fire Monitoring &amp; Analysis</i>	12/96, 4/97	----	<i>Developed then cancelled; reference NWCG Curriculum Issue Paper #15.</i>
RX-300	<i>Prescribed Fire Burn Boss</i>	1/97, 5/98, 10/98	10/00	<i>Replaced by RX-301 and RX-341; reference NWCG Curriculum Issue Paper #90.</i>

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RX-301	Prescribed Fire Implementation	4/07, 10/07	4/09	Replaced portion of RX-300. Course name and number assigned 4/07; reference NWCG Curriculum Issue Paper #90.
RX-310	Introduction to Fire Effects	6/93, 12/93	8/95	Number changed from RX-340; reference NWCG Curriculum Issue Paper #20. Curriculum design changed; reference NWCG Curriculum Issue Paper #86.
<i>RX-340</i>	<i>Introduction to Fire Effects</i>	<i>6/93, 12/93</i>	<i>8/95</i>	<i>Number changed to RX-310; reference NWCG Curriculum Issue Paper #20.</i>
RX-341	Prescribed Fire Burn Plan Preparation	1/07, 10/07	6/09	Replaced portion of RX-300. Course name and number assigned 3/05; reference NWCG Curriculum Issue Paper #67.
RX-410	Smoke Management Techniques	2/03, 4/03	9/03	Number changed from RX-450; reference NWCG Curriculum Issue Paper #20.
<i>RX-420</i>	<i>Prescribed Fire Management</i>	<i>1/97</i>	<i>----</i>	<i>Developed then cancelled.</i>
<i>RX-440</i>	<i>Applied Fire Effects</i>			<i>Number changed to RX-540, then to RX-510.</i>
<i>RX-450</i>	<i>Smoke Management Techniques</i>	<i>1/93, 4/94</i>	<i>10/94</i>	<i>Number changed to RX-410; reference NWCG Curriculum Issue Paper #20.</i>
RX-510	Advanced Fire Effects	N/A	N/A	NAFRI course. Number changed from RX-540; reference NWCG Curriculum Issue Paper #20. Reference NWCG Curriculum Issue Paper #106 (course name amended).
<i>RX-540</i>	<i>Applied Fire Effects</i>	<i>N/A</i>	<i>N/A</i>	<i>NAFRI course. Number changed to RX-510; reference NWCG Curriculum Issue Paper #20.</i>
<i>RX-590</i>	<i>Prescribed Fire Behavior Analyst</i>	<i>N/A</i>	<i>N/A</i>	<i>NAFRI course. Incorporated into S-590.</i>
<b>SUPPRESSION SKILLS</b>				
S-110	Basic Wildland Fire Orientation*	----	10/92 5/03 1/14	Name changed with 5/03 revision; reference NWCG Curriculum Issue Paper #46.
S-130	Firefighter Training	----	1983 1/95 12/03	L-180 incorporated into S-130 with 2003 revision.
S-130 (Spanish)	Firefighter Training	10/05	1/06	
S-130 (online)	Firefighter Training		1/08	

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-130 (self-paced CD)	Firefighter Training		1/08	
S-131	Firefighter Type 1 Training	10/96 2/04, 6/04	2/97 11/04	Reference NWCG Curriculum Issue Paper #39 (future of course). Name changed with 11/04 revision; reference NWCG Curriculum Issue Paper #47. Being combined with S-133 and S-134; reference NWCG Curriculum Issue Paper #123.
<i>S-132</i>	<i>Standards for Survival</i>	----	9/87	<i>Reference NWCG Curriculum Issue Paper #26 (course numbering). Deleted from NWCG curriculum in 12/03; reference NWCG Curriculum Issue Paper #65.</i>
S-133	Look Up, Look Down, Look Around	2/92, 3/92 6/08	4/92 12/09	Reference NWCG Curriculum Issue Paper #26 (course numbering). Being combined into S-131; reference NWCG Curriculum Issue Paper #123.
S-134	Lookouts, Communications, Escape Routes, and Safety Zones (LCES)	----	12/03	Reference NWCG Curriculum Issue Paper #26 (course numbering). Being combined into S-131; reference NWCG Curriculum Issue Paper #123.
<i>S-135</i>	<i>Introduction to Wildfire – Rural FD</i>			<i>Not an NWCG approved course.</i>
S-190	Introduction to Wildland Fire Behavior	---- ---- ---- 6/05, 1/06	1976 1983 5/94 3/06	
S-190	Introduction to Wildland Fire Behavior (Spanish version)	4/06, 6/06	3/07	
S-190 (online)	Introduction to Wildland Fire Behavior		1/08	
S-190 (self-paced CD)	Introduction to Wildland Fire Behavior		1/08	
<i>S-191</i>	<i>Introductory Fire Behavior – Individual Study</i>			<i>Not an NWCG approved course.</i>
S-200	Initial Attack Incident Commander Type 4	---- 5/96, 6/96 5/05, 6/06	5/89 12/96 12/06	

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-201	<i>Supervisory Concepts &amp; Techniques</i>	---- ---- 12/94, 8/95	1984 1986 2/96	<i>Name changed in 1/94; reference NWCG Curriculum Issue Paper #3. Reference NWCG Curriculum Issue Paper #9 (misc. info). Number changed to S-281; reference NWCG Curriculum Issue Paper #20. Deleted from the NWCG curriculum in 12/03.</i>
S-203	Introduction to Incident Information	12/94, 2/95, 2/97 5/06, 6/06	2/98  1/08	
S-205	<i>Fire Operations in the Urban Interface</i>	----	1991	<i>Number changed to S-215; reference NWCG Curriculum Issue Paper #20.</i>
S-211	Portable Pumps and Water Use	---- ---- 4/03, 6/03 10/10	9/78 2/93 10/04 3/12	
S-212	Wildland Fire Chain Saws	---- 10/91 3/03, 7/03 6/12	1977 12/91 2/04 12/12	Named changed from Wildfire Powersaws with 2/04 revision; reference NWCG Curriculum Issue Paper #30.
S-213	<i>Tractor Use/Tractor Boss</i>	----	9/79	<i>Replaced with S-233 in 1995.</i>
S-214	<i>Ground Tanker Use/Tanker Boss</i>	----	6/81	<i>Incorporated into S-231 in 3/96.</i>
S-215	<i>Firing Methods &amp; Equipment/Firing Boss</i>	----	1979	<i>Incorporated into S-234 in 1991.</i>
S-215	Fire Operations in the Wildland/Urban Interface	2/02, 6/03 3/13	9/03 6/13	Number changed from S-205; reference NWCG Curriculum Issue Paper #20. Name changed with 9/03 revision; reference NWCG Curriculum Issue Paper #45.
S-216	<i>Driving for the Fire Service</i>	---- ----	2/85 4/02	<i>Deleted from NWCG curriculum in 5/08; reference NWCG Curriculum Issue Paper #99.</i>
S-217	<i>Interagency Helicopter Training Guide</i>	----	11/93	<i>Reference NWCG Curriculum Issue Paper #5 (misc. info). Number changed to S-271.</i>
S-218	<i>Fireline Explosives</i>			<i>Not an NWCG approved course.</i>
S-219	Firing Operations	3/14	8/14	Number changed from S-234 and name changed from Ignition Operations; reference NWCG Curriculum Issue Paper #111.
S-230	Crew Boss (Single Resource)	---- 6/95 3/04, 6/04	1990 3/96 11/04	Course hours changed with 11/04 revision; reference NWCG Curriculum Issue Paper #58.

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-230 (blended)	Crew Boss (Single Resource)	1/11	4/12	
S-231	Engine Boss (Single Resource)	3/95, 7/95, 10/95 3/03, 1/04	3/96 5/04	
S-231 (blended)	Engine Boss (Single Resource)	1/11	1/12	
S-232	<i>Dozer Boss (Single Resource)</i>	<i>5/96, 6/96 2/04, 5/04</i>	<i>12/96 3/06</i>	<i>Deleted from NWCG curriculum in 1/13; replaced with S-236 Heavy Equipment Boss. Reference OWDC memo #15-2010.</i>
S-233	<i>Tractor/Plow Boss (Single Resource)</i>	<i>11/94, 12/94 5/04, 2/05</i>	<i>8/95 8/05</i>	<i>Deleted from NWCG curriculum in 1/13; replaced with S-236 Heavy Equipment Boss. Reference OWDC memo #15-2010.</i>
S-234	Ignition Operations	---- 6/97, 12/97 11/08	8/91 10/99 4/09	Replaced RX-96, RX-230 and old S-234 in 10/99. Name changed from Firing Methods and Procedures. Modified course hours; reference NWCG Curriculum Issue Paper #100. Number changed to S-219 and name changed to Firing Operations; reference NWCG Curriculum Issue Paper #111.
S-236	Heavy Equipment Boss	3/12	6/13	Replaced S-232 and S-233 in 6/13.
S-235	<i>Felling Boss</i>	<i>3/95, 7/95</i>	----	<i>Development cancelled in 1/96; reference NWCG Curriculum Issue Paper #12.</i>
S-241	<i>Aerial Orthophoto Analysis</i>			<i>Not an NWCG approved course.</i>
S-244	Field Observer	3/97, 5/97 6/05, 3/06	10/97 7/07	S-244 and S-245 replaced I-244 in 10/97.
S-245	Display Processor	3/97, 5/97 2/05, 3/06	10/97 7/07	S-244 and S-245 replaced I-244 in 10/97. Reference NWCG Curriculum Issue Paper #55 (future of course).
S-248	Status/Check-in Recorder	---- 1/05, 6/05	8/98 2/06	Replaced I-248 in 8/98. Converted from self-paced to instructor led course; reference NWCG Curriculum Paper #68.
S-258	Incident Communications Technician	4/00	2/02	Reference NWCG Curriculum Issue Paper #18 (development approved).
S-260	Interagency Incident Business Management	---- ---- 2/97, 5/97 5/04, 10/04	1981 1991 2/98 6/05	Name changed from Fire Business Management in 10/98; reference NWCG Curriculum Issue Paper #19.
S-260 (online)	Interagency Incident Business Management	8/10 ----	6/11 9/14	
S-261	<i>Personnel Time Recorder</i>	----	5/88	<i>Replaced with J-261 in 10/93. Replaced with new S-261 in 3/99.</i>

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-261	Applied Interagency Incident Business Management	4/98, 7/98 12/05, 5/06 5/14	3/99 12/07 8/14	Replaced I-261, I-262, I-263, I-264 and I-266. Reference NWCG Curriculum Issue Paper #13. Name changed from Practical Exercises for Finance in 10/98; reference NWCG Curriculum Issue Paper #19. Modified course hours; reference NWCG Curriculum Issue Paper #122.
S-262	<i>Equipment Time Recorder</i>	----	5/88	<i>Scheduled to be replaced by J-262. Replaced with new S-261 in 3/99.</i>
S-262	Incident Contractor Project Inspector	4/12, 5/12, 10/12		Number assigned 4/13; reference NWCG Curriculum Issue Paper #116.
S-263	<i>Claims Manager</i>	----	5/88	<i>Scheduled to be replaced by J-263. Replaced with new S-261 in 3/99.</i>
S-264	<i>Compensation for Injury Specialist</i>	----	5/88	<i>Scheduled to be replaced by J-264. Replaced with new S-261 in 3/99.</i>
S-266	<i>Commissary Manager</i>	----	5/88	<i>Scheduled to be replaced by J-266. Replaced with new S-261 in 3/99.</i>
S-270	Basic Air Operations	---- ---- 6/02, 10/02 6/10	1978 8/91 3/03 3/11	
S-271	Helicopter Crewmember	---- ---- 5/10	11/93 11/04 12/10	Number changed from S-217. Course name changed with 11/04 revision; reference NWCG Curriculum Issue Paper #59.
S-273	Single Engine Airtanker Manager	4/98, 2/99, 5/99 3/10	6/03 8/11	
S-281	<i>Supervisory Concepts &amp; Techniques</i>	----	1996	<i>Number changed from S-201; reference NWCG Curriculum Issue Paper #20. Deleted from the NWCG curriculum in 12/03.</i>
S-290	Intermediate Wildland Fire Behavior	3/93 4/05, 1/06, 3/07	10/93, 7/94 11/07	Reference NWCG Curriculum Issue Paper #7 (misc. info).
S-290 (online)	Intermediate Wildland Fire Behavior	----	10/10	Currently maintained by COMET; NWCG version under development
S-290	<i>Intermediate Wildland Fire Behavior (CD-ROM)*</i>	----	12/97	<i>Self-paced CD-ROM. Developed in conjunction with Canada. Deleted from the curriculum 9/06.</i>
S-300	Extended Attack Incident Commander	---- 6/96, 10/96 1/06, 6/07	3/86 2/97 3/08	Name changed in 2/08; reference NWCG Curriculum Issue Paper #92.

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-301	<i>Leadership &amp; Organizational Development</i>	11/94, 6/95	2/96	<i>Name changed in 1/94; reference NWCG Curriculum Issue Paper #3. Reference NWCG Curriculum Issue Paper #9 (misc. info). Number changed to S-381; reference NWCG Curriculum Issue Paper #20. Deleted from the NWCG curriculum in 9/04. Replaced with L-380.</i>
S-304	<i>Handling Hazardous Materials</i>			<i>Not an NWCG approved course.</i>
S-312	<i>Advanced Power Saws</i>			<i>Not an NWCG approved course.</i>
S-320	<i>Unit Leader</i>			<i>Development cancelled 5/98; reference NWCG Curriculum Issue Paper #17.</i>
S-330	<i>Sector Boss</i>		10/78	
S-330	Task Force/Strike Team Leader	5/95, 9/95 4/04, 10/04 4/14	9/96 10/05 9/14	Replaced I-300 (old), I-330, I-333, I-334 and I-335 in 9/96. Modified course hours; reference NWCG Curriculum Issue Paper #125.
S-336	Tactical Decision Making in Wildland Fire	---- 4/03, 11/03	1990 4/04	Reference NWCG Curriculum Issue Paper #1 (justification for elimination of course). Reference NWCG Curriculum Issue Paper #25 (reinstatement of course). Course name changed with 4/04 revision; reference NWCG Curriculum Issue Paper #57.
S-339	Division/Group Supervisor	5/96, 12/96 5/05, 12/05 3/15	3/97 9/06	Replaced I-339 in 3/97.
S-340	Human Resource Specialist	3/06 N/A	10/06 6/11	Course maintained outside NWCG. Course number assigned in 5/05; reference NWCG Curriculum Issue Paper #70. For additional information see <a href="http://www.nifc.gov/hrsp/">http://www.nifc.gov/hrsp/</a>
S-341	GIS Specialist	----	12/06	Course number assigned in 2/05; reference NWCG Curriculum Issue Paper #76. For additional information see <a href="http://www.odf.state.or.us/gis/gtag">www.odf.state.or.us/gis/gtag</a>
S-346	<i>Situation Unit Leader</i>	2/99, 5/99 3/06, 9/06	10/99 2/08	<i>Replaced I-346 in 10/99. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.</i>
S-347	<i>Demobilization Unit Leader</i>	1/99, 4/99	10/99	<i>Replaced I-347 in 10/99. Combined with S-348; reference NWCG Curriculum Issue Paper #79.</i>
S-348	<i>Resources Unit Leader</i>	1/99, 4/99	12/99	<i>Replaced I-348 in 12/99. Combined with S-347; reference NWCG Curriculum Issue Paper #79.</i>
S-349	<i>Resources UL &amp; Demobilization UL</i>	6/07 ----	12/08 10/12	<i>Replaced S-347 &amp; S-348 in 2008; reference NWCG Curriculum Issue Papers #79 and #85. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.</i>

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-351	<i>Air Service Manager – Airport</i>			<i>Not an NWCG approved course.</i>
S-353	<i>Mixmaster</i>			<i>Not an NWCG approved course.</i>
S-354	Facilities Unit Leader	2/99, 4/99 5/08	11/99 2/09	Replaced I-354 in 11/99.
S-355	Ground Support Unit Leader	2/00, 3/00	10/00	Replaced I-355 in 10/00.
S-356	<i>Supply Unit Leader</i>	<i>3/99, 2/00</i>	<i>2/01</i>	<i>Replaced I-356 in 2/01. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.</i>
S-357	Food Unit Leader	2/99, 11/99 1/08, 3/08	10/00 10/08	Replaced I-357 in 10/00.
S-358	Communications Unit Leader	5/99, 1/00 1/08	9/01 12/08	Replaced I-358 in 9/01.
S-359	Medical Unit Leader	5/99, 10/99	3/00	Replaced I-359 in 3/00.
S-360	<i>Finance/Administration Unit Leader</i>	<i>1/00 4/08, 2/09</i>	<i>5/01 1/10</i>	<i>Replaced I-362, I-363, I-365 &amp; I-368 in 5/01. Reference NWCG Curriculum Issue Paper #19 (course number approved). Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.</i>
S-371	Helibase Manager	12/95, 5/96 1/05, 2/06	5/97 3/07	Replaced I-271 & I-272 in 5/97. Original number was to be S-271; changed to S-371 in 1/96; reference NWCG Curriculum Issue Paper #11.
S-372	Helicopter Management	2/08	3/09	
S-375	Air Support Group Supervisor	1/06	8/06	Replaced J-375 in 7/06; reference NWCG Curriculum Issue Paper #51.
S-378	Aerial Supervision	5/96, 3/97 3/03 2/08	2/99 11/03 2/09	Replaced I-378 in 2/99. Name changed to Aerial Supervision 2/07; reference NWCG Curriculum Issue Paper #87.
S-381	<i>Leadership &amp; Organizational Development</i>		2/96	<i>Number changed from S-301; reference NWCG Curriculum Issue Paper #20. Deleted from the NWCG curriculum in 2004; reference NWCG Curriculum Issue Paper #38. Replaced with L-380.</i>
S-390	<i>Intermediate Wildland Fire Behavior</i>		1981	<i>Replaced with S-290 and new S-390.</i>
S-390	Introduction to Wildland Fire Behavior Calculations	4/93 3/03, 1/04, 2/05	10/93, 7/94 9/06, 2/07	Reference NWCG Curriculum Issue Paper #7 (misc. info). Course hours changed with 2005 revision; reference NWCG Curriculum Issue Paper #49. 2006 version updated with changes in 2/07.
S-400	<i>Incident Commander</i>	<i>4/00</i>	<i>8/02</i>	<i>Replaced I-400. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.</i>

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-401	Advanced Management Concepts			Name changed in 1/94; reference NWCG Curriculum Issue Paper #3. Reference NWCG Curriculum Issue Paper #9 (misc. info). Development cancelled.
S-402	Liaison Officer			Scheduled to replace (old) I-402; development cancelled in 6/99; reference NWCG Curriculum Issue Paper #24.
S-403	Information Officer	3/97, 2/99, 1/00	9/01	Replaced I-403 in 9/01. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.
S-404	Safety Officer	3/00 2/11	2/02 3/13	Replaced I-401 in 2/02. Course hours changed with 2013 revision; reference NWCG Curriculum Issue Paper #119.
S-420	Command & General Staff	2/02	10/02	Replaced I-420 in 10/02.
S-430	Operations Section Chief	3/95, 9/95 2/04, 5/04	4/96 2/06	Replaced I-430 in 4/96. Course hours changed with 2006 revision; reference NWCG Curriculum Issue Paper #50.
S-440	Planning Section Chief	11/99, 3/00	10/01	Replaced I-440 in 10/01.
S-443	Infrared Interpreter			Course number reassigned in 8/12; reference NWCG Curriculum Issue Paper #112.
S-445	Incident Training Specialist	5/93, 9/93 1/02, 4/02 6/08	12/93 12/02 4/09	J-445 was incorporated into S-445 upon 12/02 revision. Course name changed with 12/02 revision; reference NWCG Curriculum Issue Paper #33
S-450	Logistics Section Chief	4/00, 5/00	2/02	Replaced I-450 in 2/02. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.
S-460	Finance/Administration Section Chief	----	10/01	Replaced I-460 in 10/01. Removed from NWCG curriculum in lieu of FEMA course; reference NWCG Curriculum Issue Paper #126.
S-470	Air Operations Branch Director	1/98, 4/98 4/12	8/02 8/13	Replaced I-470 in 8/02. Course hours changed with 2013 revision; reference NWCG Curriculum Issue Paper #121.
S-481	Incident Business Advisor	4/07 ----	6/08 8/14	Course number assigned in 5/05; reference NWCG Curriculum Issue Paper #71. Course hours changed with 2013 revision; reference NWCG Curriculum Issue Paper #120.
S-482	Strategic Operational Planning	11/13	6/15	Under development. Course name and number changed in 1/10; reference NWCG Curriculum Issue Paper #107. Course name changed in 5/15; reference NWCG Curriculum Issue Paper #128
S-490	Advanced Wildland Fire Behavior Calculations	---- 4/03, 12/03 2/07, 11/07 1/10	1/93  9/08 8/10	Reference NWCG Curriculum Issue Paper #7 (misc. info).

Course Number	Course Name	Test Course Dates	Certification Dates	Development History
S-491	Intermediate National Fire Danger Rating System	2/02, 4/02	3/03	Name changed in 9/01; reference NWCG Curriculum Issue Paper #28.
S-492	<i>Long Term Fire Risk Assessment</i>	3/00		<i>Maintained by the Fire Environment Working Team of NWCG. Replaced with S-495 in 2009.</i>
S-493	<i>FARSITE – Fire Area Simulator</i>	3/00		<i>Maintained by the Fire Environment Working Team of NWCG. Replaced with S-495 in 2009.</i>
S-495	Geospatial Fire Analysis, Interpretation and Application	3/09, 4/10	N/A	NAFRI course. Reference NWCG Curriculum Issue Paper #98.
S-520	Advanced Incident Management	N/A	N/A	NAFRI course. Replaced I-520.
S-543	<i>Infrared Field Specialist</i>			<i>Not an NWCG approved course.</i>
S-580	<i>Advanced Fire Use Applications</i>	N/A	N/A	<i>NAFRI course. Formerly known as National Parks &amp; Wilderness. Course number changed to S-482 1/10; reference NWCG Curriculum Issue Paper #107.</i>
S-590	<i>Advanced Fire Behavior Interpretation</i>			<i>NAFRI course. Combined with RX-590.</i>
S-591	<i>Fire Behavior Analyst Refresher</i>			<i>Not an NWCG approved course.</i>
S-620	Area Command	N/A	N/A	NAFRI course. Replaced I-620.
<b>MISCELLANEOUS COURSES NOT REFERENCED WITHIN THE PMS 310-1</b>				
X-900	Investigation of Powerline Caused Widland Fires	----	4/13	Reference NWCG Curriculum Issue Paper #117 (X series established). Course name and number assigned 4/13; reference NWCG Curriculum Issue Paper #118.
<b>OTHER MISCELLANEOUS TRAINING</b>				
BLN	Basic Land Navigation	----	5/07	Name changed from Map & Compass for Firefighters; reference NWCG Curriculum Issue Paper #73.
TS-256	Cache Demobilization Specialist	----	3/99	Reference NWCG Curriculum Issue Paper #21 (TS series established).
	<i>Class A Foam</i>	<i>3/95, 5/95, 8/95</i>	<i>11/95</i>	<i>Maintained by the Wildland Fire Equipment Working Team. Course discontinued 12/08.</i>
PMS 907	Course Coordinator's Guide	----	12/91 2/02 10/06 12/14	Electronic only.
	<i>Initial Attack Incident Commander CD-ROM</i>		<i>10/98</i>	<i>Deleted from the PMS in 1/07.</i>

<b>Course Number</b>	<b>Course Name</b>	<b>Test Course Dates</b>	<b>Certification Dates</b>	<b>Development History</b>
	<i>Wildland Fire Suppression Tactics Guide</i>	----		<i>Deleted from PMS 3/06; reference NWCG Curriculum Issue Paper #78.</i>
	<i>Wildland &amp; Prescribed Fire Qualification System National Training Curriculum</i>	----	10/01	<i>Deleted from the Publications Management System 3/06.</i>

Italicized/shaded courses have been deleted from the curriculum.

\* = self-study

NWCG Curriculum Issue Papers can be referenced at [http://training.nwcg.gov/sect\\_issue\\_papers.htm](http://training.nwcg.gov/sect_issue_papers.htm)