



**2015-2016 PETITION/PROGRAM SHEET**  
**Degree: Associate of Applied Science**  
**Major: Wildland Fire Management**

**About This Major. . .**

This program is designed for students who want the credentials of an Associate Degree combined with the technical training that meets National Wildfire Coordination Group (NWCG) standards. The courses offered align with the NWCG Curriculum.

This degree provides graduates with a competitive advantage in gaining employment in the Wildland fire career market. Graduates are qualified to apply for jobs with the Bureau of Land Management, U.S. Forest Service, National Park Service, as well as state and local wildland firefighting agencies.

For more information on what you can do with this major, go to <http://www.coloradomesa.edu/wccc/programs.html>

All CMU associate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Demonstrate proficient formal and informal communication and writing skills that are professional in nature (Communication Fluency)
2. Apply mathematical concepts required of entry level wildland firefighters. (Quantitative Fluency)
3. Demonstrate specialized and holistic knowledge of interagency Wildland Fire Management (Specialized Knowledge)
4. Demonstrate proficiency in basic skills required for entry level Wildland Fire Management professionals (Applied Learning)
5. Evaluate leadership and ethical issues specific to Wildland Fire Management (Specialized Knowledge)

**POLICIES:**

1. Please see the catalog for a complete list of graduation requirements.
2. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates**. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December**.
3. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
4. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
5. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).

**NAME:** \_\_\_\_\_ **STUDENT ID #:** \_\_\_\_\_

**LOCAL ADDRESS AND PHONE NUMBER:** \_\_\_\_\_  
 \_\_\_\_\_ ( ) \_\_\_\_\_

I, (Signature) \_\_\_\_\_, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

\_\_\_\_\_  
 Signature of Advisor Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
 Signature of WCCC Dept Head Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
 Signature of Registrar Date \_\_\_\_\_ 20\_\_\_\_

**DEGREE REQUIREMENTS:**

- Minimum 60 semester hours total A minimum of 16 taken at CMU in no fewer than two semesters.
- 2.00 cumulative GPA or higher in all CMU coursework
- A grade of “C” or higher must be achieved in coursework toward major content area.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the CMU graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the “Undergraduate Graduation Requirements” in the Colorado Mesa University catalog for additional graduation information.

**ESSENTIAL LEARNING REQUIREMENTS** (Minimum 15 semester hours) See the current catalog for a list of courses that fulfill the requirements below. If a course is on the Essential Learning list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the Essential Learning requirement. The Essential Learning capstone course and co-requisite Essential Speech course (required for bachelor’s degrees) cannot be used as options for the below requirements.

Course No	Title	Sem.hrs	Grade	Term
<b>Communication</b> (6 semester hours)				
ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____
<b>-OR-</b>				
ENGL 111	English Composition <b>and</b>	3	_____	_____
SPCH 101	Interpersonal Communication <b>or</b>	3	_____	_____
SPCH 102	Speechmaking	3	_____	_____
<b>Mathematics: MATH 108 or higher</b> (Minimum 3 semester hours)				
MATH 108*	_____	_____	_____	_____
*Note: MATH 110 or higher is required for BAS in Public Administration and MATH 113 or higher is required for BS in Environmental Science				
<b>Social Sciences, Natural Science, Fine Arts or Humanities</b> (Minimum 6 semester hours)				
_____	_____	3	_____	_____
_____	_____	3	_____	_____

Course No	Title	Sem.hrs	Grade	Term/Trns
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**WELLNESS REQUIREMENT** (2 semester hours)

KINE 100	Health and Wellness	1	_____	_____
KINA 1	_____	1	_____	_____

**ASSOCIATE OF APPLIED SCIENCE: COURSE REQUIREMENTS** (29 semester hours)

ENVS 101	Intro to Environmental Science	3	_____	_____
GEOL 103	Weather and Climate	3	_____	_____
GEOG 131	Cartography	3	_____	_____
KINE 265	First Aid/CPR for Prof.	3	_____	_____
FSWM 102	Firefighter Type I Training	1	_____	_____
FSWM 100	Basic Fire Guard School	4	_____	_____
FSWM 140	Initial Attack Inc Commander	1	_____	_____
FSWM 142	Pumps and Water Use	1	_____	_____
FSWM 144	Fire Ops Interface	2	_____	_____
FSWM 147	Ignition Operations	2	_____	_____
FSWM 151	Basic Air Operations	1	_____	_____
FSWM 153	Intermediate Fire Behav	2	_____	_____
FSWM 155	Intermediate ICS (I 200 / 300)	2	_____	_____
FSWM 156	Fellowship/Leadership	1	_____	_____

**Restricted Electives** (Select 13 semester hours)

BIOL 107	Principles of Plant Biology	3	_____	_____
BIOL 107L	Principles of Plant Bio Lab	1	_____	_____
CHEM 121	Principles of Chemistry	4	_____	_____
CHEM 121L	Principles of Chemistry Lab	1	_____	_____
ENGL 219	Intro to Professional Writing	3	_____	_____
ENVS 204	Intro to Ecosystem Mgt	3	_____	_____
ENVS 204L	Intro to Ecosystem Lab	1	_____	_____
ENVS 360	Fire Ecology	3	_____	_____
ENVS 360L	Fire Ecology Lab	1	_____	_____
EMTS 115	Emergency Medical Responder	3	_____	_____
ENVS 204	Intro to Ecosystem Mgt	3	_____	_____
ENVS 204L	Intro to Ecosystem Lab	1	_____	_____
FSWM 103	Exp Dispatch Recorder	1	_____	_____
FSWM 141	Intro to Incident Information	2	_____	_____
FSWM 143	Wildfire Chain Saws	2	_____	_____
FSWM 148	Status / Check-in Recorder	1	_____	_____
FSWM 152	Helicopter Crew Member	2	_____	_____
FSWM 158	Fire Service Driving	2	_____	_____
FSWM 162	Advanced Task Book	3	_____	_____
FSWM 200	Extended Attack IC	1	_____	_____
FSWM 205	Intro to Fire Behav Calc	2	_____	_____
FSWM 278	Supervised Work Experience	3	_____	_____
FSWM 196	Topics	1-3	_____	_____
FSWM 296	Topics	1-3	_____	_____
FSWM 299	Internship	3-8	_____	_____
MANG 201	Principles of Management	3	_____	_____
MANG 221	Supervisory Concepts	3	_____	_____

\*Please see your advisor for requirements specific to this program.

\*\*Required for this degree.

## SUGGESTED COURSE SEQUENCING FOR A MAJOR IN WILDLAND FIRE MANAGEMENT

The sequence of courses for this program will primarily be determined by the individual and the availability of training courses offered through the NIFC system. Students are encouraged to meet with an advisor at WCCC when this program becomes an interest to the student. The Essential Learning courses that must be taken at WCCC/CMU are generally available each semester. Certain courses may have prerequisites or may require assessment to identify the best starting point for an individual. It is the student's responsibility to meet with the assigned advisor and check the 2 year course matrix on the Colorado Mesa website for course availability.

### FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
ENGL 111      English Composition	3	KINE 265      First Aid and CPR for the Professional	3
KINE 100      Health and Wellness	1	FSWM 100      Basic Fire Guard School	4
KINA 127      Physical Conditioning	1	FSWM 142      Pumps and Water Use	1
MATH 108      Technical Math	4	FSWM 147      Ignition Operations	2
Essential Learning      Social and Behavioral Science	3	FSWM 155      Intermediate ICS (I 200)	2
ENVS 101      Introduction to Environmental Science	<u>3</u>	GEOG 131      Cartography	<u>3</u>
<b>Total: 15</b>		<b>Total: 15</b>	

### SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
Essential Learning      Social and Behavioral Science	3	FSWM 102      Firefighter I	1
ENGL 112      English Composition	3	FSWM 144      Fire Operations Interface	2
GEOL 103      Weather and Climate	3	FSWM 153      Intermediate Fire Behavior	2
Restricted Electives	<u>6</u>	FSWM 156      Followership to Leadership	1
<b>Total: 15</b>		FSWM 151      Basic Air Operations	3
		FSWM      Electives	<u>8</u>
		<b>Total: 15</b>	

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