**2017-2018 PROGRAM REQUIREMENTS**
**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 and land management career markets. Graduates are qualified to apply for jobs with the Bureau of Land Management, U.S. Forest Service, National Park Service, as well as state, county, and contracted wildland firefighting entities.

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)

**Advising Process and DegreeWorks**
This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a degree. The suggested course sequencing outlines how students could finish degree requirements. Some courses are critical to complete in specific semesters, while others may be moved around. Meeting with an academic advisor is essential in planning courses and altering the suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended degree(s).

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a degree and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar's Office.

**Graduation Process**
Students must complete the following in the first two months of the semester prior to completing their degree requirements:
- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found at http://www.coloradomesa.edu/registrar/graduation.html.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.

**INSTITUTIONAL DEGREE REQUIREMENTS**

The following institutional degree requirements apply to all CMU/WCCC AAS degrees. Specific programs may have different requirements that must be met in addition to institutional requirements.

- 60 semester hours minimum.
- Students must complete a minimum of 15 of the final 30 semester hours of credit at CMU/WCCC.
- 2.00 cumulative GPA or higher in all CMU/WCCC coursework.
- A course may only be used to fulfill one requirement for each degree/certificate.
- No more than six semester hours of independent study courses can be used toward the degree.
- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed 20 semester credit hours for an AAS degree.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Degree Requirements.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

**PROGRAM-SPECIFIC DEGREE REQUIREMENTS**

- 61 semester hours total for the AAS, Wildland Fire Management.
- A grade of "C" or higher must be achieved in coursework toward major content area.

**ESSENTIAL LEARNING REQUIREMENTS** (15 semester hours)

See the current catalog for a list of courses that fulfill the requirements below. If a course is an Essential Learning option and a requirement for your major, you must use it to fulfill the major requirement and make a different selection for the Essential Learning requirement.

**Communication** (6 semester hours)
- ☐ ENGL 111 - English Composition (3)
- ☐ Select one of the following courses:
  ENGL 112 - English Composition (3)
  SPCH 101 - Interpersonal Communication (3)
  SPCH 102 - Speechmaking (3)

**Mathematics** (3 semester hours)
- ☐ MATH 108 - Technical Mathematics (4) or higher
  *Note: MATH 110, MATH 113, or higher may be required for BAS and BS degrees at CMU. See next intended degree for details if continuing to baccalaureate study after completion of AAS.

**Other Essential Learning Core Courses** (6 semester hours)
- ☐ Select one Social and Behavioral Sciences, History, Natural Sciences, Fine Arts or Humanities course (3)
- ☐ Select one Social and Behavioral Sciences, History, Natural Sciences, Fine Arts or Humanities course (3)

**OTHER LOWER-DIVISION REQUIREMENTS**

**Wellness Requirement** (2 semester hours)
- ☐ KINE 100 - Health and Wellness (1)
- ☐ KINA 127 - Physical Conditioning (1)

**AAS:  WILDLAND FIRE MANAGEMENT REQUIREMENTS** (44 semester hours, must earn a grade of "C" or better in each course)

**Required Courses** (29 semester hours)
- ☐ ENVS 101 - Introduction to Environmental Science (3)
- ☐ GEOL 103 - Weather and Climate (3)
- ☐ GEOG 131 - Cartography (3)
- ☐ FSWM 100 - Introduction to Wildland Fire Basic Fire Guard School (4)
- ☐ FSWM 142 - Portable Pumps and Water Use (2)
- ☐ FSWM 144 - Fire Operations in the Wildland/Urban Interface (2)
- ☐ FSWM 147 - Ignition Operations (2)
- ☐ FSWM 151 - Basic Air Operations (1)
- ☐ FSWM 153 - Intermediate Wildland Fire Behavior (2)
- ☐ FSWM 155 - Initial Attack Incident Commander/Basic Incident Command System (2)
- ☐ FSWM 156 - Firefighter Type 1 & Fire Line Leadership (2)
- ☐ EMTS 115 - Emergency Medical Responder (3)

**Restricted Electives** (15 semester hours)
Select 15 semester hours from the following:
- BIOL 107 - Principles of Plant Biology (3)
- BIOL 107 - Principles of Plant Biology Laboratory (1)
- CHEM 121 - Principles of Chemistry (4)
- CHEM 121L - Principles of Chemistry Laboratory (1)
- ENGL 219 - Introduction to Professional Writing (3)
- ENVS 204 - Introduction to Ecosystem Management (3)
- ENVS 204L - Introduction to Ecosystem Management Laboratory (1)
- ENVS 360 - Fire Ecology (3)
- ENVS 360L - Fire Ecology Laboratory (1)
- EMDP 211 - Introduction to Emergency Management (3)
- EMTS 101 - Emergency Medical Technician - Basic I (3)
- FSWM 103 - Expanded Dispatch Recorder (1)
- FSWM 141 - Introduction 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 - Driving for the Fire Service (2)
- FSWM 162 - Advanced Firefighter Position Task Book (3)
- FSWM 200 - Extended Attack Incident Commander (1)
- FSWM 205 - Introduction to Wildland Fire Behavior Calculations (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 and Practices (3)
- ☐ _____
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**Freshman Year, Fall Semester: 15 credits**
- ENGL 111 - English Composition (3)
- KINE 100 - Health and Wellness (1)
- KINA 127 - Physical Conditioning (1)
- MATH 108 - Technical Math (4) or higher
- Essential Learning Social and Behavioral Science, History, Natural Sciences, Fine Arts or Humanities course (3)
- ENVS 101 - Introduction to Environmental Science (3)

**Freshman Year, Spring Semester: 16 credits**
- EMTS 115 - Emergency Medical Responder (3)
- FSWM 100 - Introduction Wildland Fire Basic Fire Guard School (4)
- FSWM 142 - Portable Pumps and Water Use (2)
- FSWM 147 - Ignition Operations (2)
- FSWM 155 - Initial Attack Incident Commander/Basic Incident Command System (2)
- GEOG 131 - Cartography (3)

**Sophomore Year, Fall Semester: 16 credits**
- Essential Learning Social and Behavioral Science, History, Natural Sciences, Fine Arts or Humanities course (3)
- ENGL 112 - English Composition (3)
- GEOL 103 - Weather and Climate (3)
- Restricted Electives (7)

**Sophomore Year, Spring Semester: 15 credits**
- FSWM 144 - Fire Operations in the Wildland/Urban Interface (2)
- FSWM 153 - Intermediate Fire Behavior (2)
- FSWM 156 - Firefighter Type 1 and Fire Line Leadership (2)
- FSWM 151 - Basic Air Operations (1)
- FSWM - Restricted Electives (8)