

# WORKFORCE DEVELOPMENT

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## Occupational Endorsements

### O.E.C., BASIC CARPENTRY

The occupational endorsement in basic carpentry is a starting point for both a career in the construction industry and pursuing a certificate and degree in construction trades technology. Training consists of basic construction safety, introduction to hand and power tools, construction mathematics, floor systems, roof framing, and window and exterior door installation. Students develop a basic understanding of how to communicate, understand, anticipate and complete the work on a construction job site. Applicants must be 16 years old to be admitted.

Minimum Requirements for Basic Carpentry Occupational Endorsement: 14.5 credits

Learn more about the occupational endorsement in basic carpentry (<https://www.uaf.edu/academics/programs/occupational-endorsements/basic-carpentry.php>), including an overview of the program, career opportunities and more.

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### O.E.C., CONTENT CREATION

The occupational endorsement in content creation provides education and training to prepare students to enter the online content creation space. Training will emphasize skills needed to develop an online presence, business and self-employment, personal finance, basic computer and peripheral support, troubleshooting, and managing groups of people. Students will be equipped with skill sets enabling them to enter into various digital content creation platforms such as streaming, vlogging and other social media sites with the preparation and principles to run their accounts as an effective business.

Minimum Requirements for Content Creation Occupational Endorsement: 16 credits

Learn more about the occupational endorsement in content creation (<https://www.uaf.edu/academics/programs/occupational-endorsements/content-creation.php>), including an overview of the program, career opportunities and more.

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### O.E.C., FACILITY MAINTENANCE

The facility maintenance program trains participants in dealing with challenges unique to rural Alaska structures. Training consists of identifying, troubleshooting and customizing solutions to a building or home, learning the importance of working with community advocates, tracking and analyzing past maintenance trends, and developing strategies for future maintenance needs.

Minimum Requirements for Facility Maintenance Occupational Endorsement: 18 credits

Learn more about the occupational endorsement in facility maintenance (<https://www.uaf.edu/academics/programs/occupational-endorsements/facility-maintenance.php>), including an overview of the program, career opportunities and more.

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### O.E.C., WILDLAND FIRE SCIENCE

The wildland fire science occupational endorsement provides students with the knowledge and skills to perform at the first level of wildland fire management. This includes managing a squad on a wildland fire crew, correct methods of operation for wildland fire chainsaws and pumps, and working around fire helicopters and aircraft. Completion of this program can lead to employment in the field, provide a foundation for wildland fire management, including in- and out-of-state wildland fire assignments, and act as a stepping stone to the Associate of Applied Science degree in wildland fire control. Completion of the wildland fire science occupational endorsement will create a well-rounded entry-level firefighter capable of filling positions on wildland fires. Applicants must be at least 18 years old to be admitted.

Minimum Requirements for Wildland Fire Science Occupational Endorsement: 11 credits

Learn more about the occupational endorsement in wildland fire science (<https://www.uaf.edu/academics/programs/occupational-endorsements/wildland-fire-science.php>), including an overview of the program, career opportunities and more.

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#### College of Rural and Community Development

Workforce Development Department (<https://www.uaf.edu/rural/academics/departments/>)  
907-474-7143

## Programs

### Occupational Endorsements

- O.E.C., Basic Carpentry (<https://catalog.uaf.edu/endorsements/carpentry-basic/>)
- O.E.C., Content Creation (<https://catalog.uaf.edu/endorsements/content-creation/>)
- O.E.C., Facility Maintenance (<https://catalog.uaf.edu/endorsements/facility-maintenance/>)
- O.E.C., Wildland Fire Science (<https://catalog.uaf.edu/endorsements/wildland-fire-science/>)