

Drafting Technology

CERT | CERTIFICATE

Computer-Aided Drafting Technician

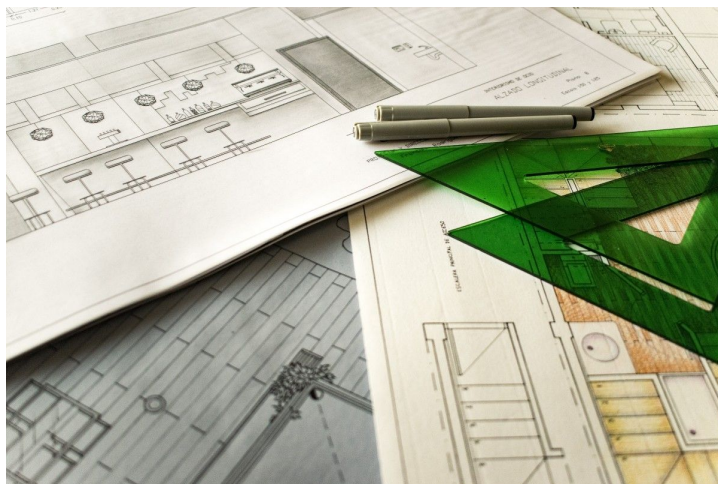
O.E. | OCCUPATIONAL ENDORSEMENT



UNIVERSITY
of ALASKA
SOUTHEAST

SCHOOL OF
CAREER
EDUCATION

| | | |
|-----------------|----------------|-----------------------|
| 9-30 Credits | 2 Semesters | Campus & Online |
|-----------------|----------------|-----------------------|



Construction technology at UAS provides quality learning opportunities in a supportive environment. Students learn new skills or improve existing skill levels in residential building. The program provides tools, and experiences that enable students to attain employment and develop profession opportunities.

Expert faculty understand Alaska construction in with a specialized curriculum focusing on diagnostics, testing, laws, codes, and standards.

What?

Computer-aided drafting (CAD) or computer-aided drafting and design (CADD) refers to design using computer software to make technical drawings. UAS courses combine the technical information and hands-on experience for work in a variety of drafting fields. Students gain hands-on training in construction and develop job-ready skills drawing techniques and computer-aided drafting. Development of skills in mathematics, drawing, architectural and engineering concepts, design, and construction techniques.



Who?

Drafting technicians, create technical drawings that are used in the construction of the built environment. CADD technicians use design software to create technical plans to show how products or structures are built. CADD drawings include information that engineers and architects specify for the construction of buildings and systems.

Where? uas.alaska.edu/apply

Juneau Downtown Campus
1415 Harbor Way, Juneau, AK 99801
Tel: 907-796-6120
uas.careered@alaska.edu



UNIVERSITY of ALASKA SOUTHEAST

CONSTRUCTION TECHNOLOGY

Drafting Technology Certificate / Computer-Aided Drafting O.E.

Potential Careers

| | |
|--------------|-------------------|
| Drafter | Civil engineering |
| Architecture | Aeronautics |
| Mechanics | Process pipelines |
| Electronics | |

Additional Academic Opportunities

Occupational Endorsement

Framing
Exterior Finishes
Residential/Light Construction
Interior Finishes

Certificate

Drafting Technology
Associate of Applied Science
Construction Technology
Minor - Construction Technology

Why? Drafter Salary

How much does a Carpenter make? ~\$44,900 - \$72,200 / year

How? Tuition Assistance

Money is available for students!

These degrees are articulated with the Associate of Applied Science (A.A.S.) degree in Construction Technology. These degrees require either the following 10 classes or 3 classes respectfully. A minimum grade of C (2.00) is required in all courses.

Drafting Technology Certificate

| Semester 1 | Credits | Semester 2 | Credits |
|---|-----------|---|-----------|
| Fall 1 | 16 | Spring 1 | 15 |
| MATH S105 Intermediate Algebra | 4 | COMM Oral Communication GER | 3 |
| CT S121 Light Wood Framing Construction | 1 | CT S181 Intermediate AutoCAD | 3 |
| CT S121L Light Wood Framing Construction Lab | 2 | CT S201 Cold Climate Construction | 3 |
| CT S175 Introduction to AutoCAD | 3 | CT Approved electives (Internship) | 6 |
| CT S170 Residential Design, Codes & Standards | 3 | | |
| WRTG S111 Writing Across Contexts | 3 | | |

Computer-Aided Drafting Technician O.E

| Semester 1 | Credits | Semester 2 | Credits |
|---|----------|--|------------|
| Fall 1 | 3 | Spring 1 | 6-9 |
| CT S175 Introduction to AutoCAD | 3 | CT S181 Intermediate AutoCAD | 3 |
| | | CT S291A Construction Tech Drafting Internship | 3-6 |

DEGREE REQUIREMENTS: uas.alaska.edu/academics

This is a suggested course sequence and does not take the place of program requirements listed in the UAS Academic Catalog. Students must work with an academic advisor to plan their course sequence. UA is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/nondiscrimination. Updated 11/5/2019

Where? uas.alaska.edu/apply

Juneau Downtown Campus
1415 Harbor Way, Juneau, AK 99801
Tel: 907-796-6120
uas.careered@alaska.edu