



**UNIVERSITY
of ALASKA
SOUTHEAST**

AAS | ASSOCIATE OF APPLIED SCIENCE

Construction Technology



HANDS-ON	SKILLS	UTILIZATION	VARIETY
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“A 5-star learning experience. After two years, I came out with a marketable skill I can take anywhere in the country and land a good job, or simply apply to my own life.”

*Trevor Luedke
AAS Construction Technology
Drafting Certificate*

POTENTIAL CAREERS

- Carpenter
- Construction Manager
- Cost Estimator
- Drafting Technician
- Residential Designer
- Finish Carpenter
- Building Contractor
- Building Inspector

Build your career today in Construction Tech

The Construction Department at UAS is dedicated to providing quality learning opportunities in a supportive environment where construction students can learn new skills or improve existing skill levels. Construction Technology provides the knowledge, tools, and experience that enable students to attain employment, develop professionally, and experience personal growth and enrichment.

Local and Regional Partnerships

The program has forged partnerships and alliances to meet the immediate needs of regional employers and workforce development. We also partner with high schools across Southeast Alaska to create Tech-Prep agreements for students to earn college credit while still enrolled in high school.

Potential Careers

This program will benefit those interested in working in construction and design. Graduates enter the industry in construction, drafting, engineering, architecture, estimating, scheduling, supervision, and allied construction fields.

Additional UAS Opportunities

Certificate Drafting Technology

UAS Technical Education Center | 1415 Harbor Way, Juneau, AK 99801 | (907) 796-6120
uas.careered@alaska.edu

uas.alaska.edu/apply



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Recommended Preparation

Math	3-4 years
Science	3-4 years
Language Arts	3-4 years
Social Studies	3-4 years

Additional courses: AutoCAD, Woodworking, Basic Construction

SAMPLE DEGREE PLAN | 4 Semesters, 61 credits

Fall 1 MATH 105 Intermediate Algebra 4 CT 120 Basic Construction Techniques 3 CT 222 Building Construction I 3 CT 175 Introduction to AutoCAD 3 WRTG 111 Writing Across Contexts 3	16	Fall 2 Oral Communication GER 3 ACCT 100 Recordkeeping for Small Business 3 CT 170 Residential Design, Codes, and Standards 3 CT 227 Residential Construction Planning & Estimating 3 CT approved elective 3	15
Spring 1 WRTG 212 Writing and the Professions 3 CT 223 Building Construction II 3 CT 201 Cold Climate Construction 3 CT 100 Woodworking I 3 Advisor approved GER 3	15	Spring 2 BA 166 Small Business Management 3 CT 140 Residential Plumbing and Heating 3 CT 135 Residential Wiring 3 CT 230 Residential Mechanical Ventilation 3 CT approved elective 3	15

Drafting Certificate | 2 semesters, 31 credits

Fall 1 Math 105 Intermediate Algebra 4 CT 120 Basic Construction Techniques 3 CT 170 Residential Design, Codes and Standards 3 CT 175 Introduction to AutoCAD 3 WRTG 111 Writing Across Contexts 3	16	Spring 1 Oral Communication GER 3 CT 181 Intermediate AutoCAD 3 CT 201 Cold Climate Construction 3 CT approved electives 6	15
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DEGREE REQUIREMENTS: uas.alaska.edu/academics

Candidates must complete 16 credits of General Education Requirements (GERs) as well as program requirements. 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: uas.alaska.edu/titleix. Updated 10/2017

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