

DRAFTING TECHNOLOGY CERTIFICATE

Juneau

Courses combine the technical information and hands-on experience necessary for work in a variety of drafting fields. Students gain hands-on training in construction, and develop job ready skills with conventional drawing techniques and computer-aided drafting. Development of skills in mathematics, drawing, architectural and engineering concepts, design and construction techniques.

Requirement	Hours
Minimum Credit Hours	30
General Requirements	10
Program Requirements	20

Code	Title	Credits
General Education Requirements		
<i>Written Communication Skills</i>		
WRTG S111	Writing Across Contexts	3
<i>Oral Communication Skills</i>		
Select one of the following:		3
COMM S111	Fundamentals of Oral Communication ¹	
COMM S235	Small Group Communication and Team Building ¹	
COMM S237	Interpersonal Communication ¹	
<i>Computational Skills</i>		
MATH S105	Intermediate Algebra (or higher)	3-4
Program Requirements		
CT S121	Light Wood Frame Construction	1
CT S121L	Light Wood Frame Construction Lab	2
CT S170	Residential Design, Codes and Standards	3
CT S175	Introduction to AutoCAD	3
CT S181	Intermediate AutoCAD	3
CT S201	Cold Climate Construction	3
Advisor Approved Electives		6
Total Credits		30-31

¹ Grade of C 2.00 or better

Graduates will:

1. Have an understanding of buildings and construction documentation as systems.
2. Be able to perform drafting functions and will understand basic residential design, construction, documentation and planning.
3. Have an intermediate proficiency in AutoCAD LT.
4. Have an intermediate understanding of algebra.