

DRAFTING TECHNOLOGY CERTIFICATE

4. Have an intermediate understanding of algebra.

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 Computer Aided Drafting	3
CT S181	Intermediate Computer Aided Drafting	3
CT S201	Residential Building Science	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.