

RESIDENTIAL/LIGHT CONSTRUCTION O.E.

Juneau, Sitka

Residential/Light Construction

A general overview of the construction industry, providing skill development opportunities in Residential/ Light Construction. Students will work with hand and power tools; learn application of interior and exterior materials and develop safe working practices. The endorsement is articulated with the A.A.S. degree in Construction Technology.

Construction Technology (J, S)

Requirement		Hours
Minimum Credit Hours		12
Code	Title	Credits
CT S102	Introduction to the Construction Trades	1
CT S103	Construction Tools and Materials	1
CT S104	Construction Safety: OSHA 10-Hour Training	1
CT S201	Residential Building Science	3
CT S212	Interior Finish Carpentry	1
CT S212L	Interior Finish Carpentry Lab	2
CT S214	Exterior Finish Carpentry	1
CT S214L	Exterior Finish Carpentry Lab	2
Total Credits		12

Exterior Finishes (J)

Endorsement Requirements

Requirement		Hours
Minimum Credit Hours		10
Code	Title	Credits
CT S102	Introduction to the Construction Trades	1
CT S103	Construction Tools and Materials	1
CT S104	Construction Safety: OSHA 10-Hour Training	1
CT S121	Light Wood Frame Construction	1
CT S201	Residential Building Science	3
CT S214	Exterior Finish Carpentry	1
CT S214L	Exterior Finish Carpentry Lab	2
Total Credits		10

Framing (J)

Endorsement Requirements

Requirement		Hours
Minimum Credit Hours		10
Code	Title	Credits
CT S102	Introduction to the Construction Trades	1
CT S103	Construction Tools and Materials	1
CT S104	Construction Safety: OSHA 10-Hour Training	1
CT S121	Light Wood Frame Construction	1
CT S121L	Light Wood Frame Construction Lab	2
CT S127	Introduction to Residential Foundations	1
CT S201	Residential Building Science	3
Total Credits		10

Interior Finishes (J)

Endorsement Requirements

Requirement		Hours
Minimum Credit Hours		13
Code	Title	Credits
CT S100	Woodworking I	3
CT S102	Introduction to the Construction Trades	1
CT S103	Construction Tools and Materials	1
CT S104	Construction Safety: OSHA 10-Hour Training	1
CT S125	Introduction to Drywall	2
CT S212	Interior Finish Carpentry	1
CT S212L	Interior Finish Carpentry Lab	2
CT S260	Cabinet Construction	2
Total Credits		13

Upon completion, students will be able to:

1. Students will operate safely while on a residential construction project.
2. Students will demonstrate the appropriate use of hand and power tools.
3. Student will identify and select the materials appropriate for exterior finishes in a cold maritime climate.
4. Students will identify and select materials appropriate for interior finishes.