

### **AAS: Construction Technology | 90 Credits**

### **Program Prerequisites:**

- MTH 98 Quantitative Math (4 credits) or place into MTH 65 Beginning Algebra (4 credits)
- Placement into IRW 115 Integrated Reading & Writing or WR 115 Introduction to Expository Writing

**Coursework (starting with the Construction Technology—Building certificate):** 

Course Number	Course Title	Prerequisites	Credits
Year 1 Fall			16
CT 100	Building Layout	MTH 98 or placement into MTH 65;	2
C1 100	Building Layout	placement into IRW 115 or WR 115	3
CT 102	Residential Concrete	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	
CT 103	Building Materials and Methods	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	
CT 104	Floor Framing	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	
WR 115	Introduction to Expository Writing	placement into WR 115	4
Year 1 Wint	er		16
CT 105	Walls and Ceiling Framing	MTH 98 or placement into MTH 65;	3
C1 105	wans and Cennig Framing	placement into IRW 115 or WR 115	
CT 106	Roof Framing	MTH 98 or placement into MTH 65;	3
C1 100	Noor Training	placement into IRW 115 or WR 115	
CT 110	Electrical Basics	MTH 98 or placement into MTH 65;	3
	Licetifear Basies	placement into IRW 115 or WR 115	
CT 111	Plumbing Basics	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	
WR 121 or	Composition I	IRW 115 or WR 115 or equivalent	4
WR 121Z	The production of the producti	placement	-
Year 1 Sprin	g		13
CT 112	Basic Stair Construction	MTH 98 or placement into MTH 65;	3
	Dasie Stair Constituction	placement into IRW 115 or WR 115	
CT 114	Windows and Interior Doors	MTH 98 or placement into MTH 65;	3
U. 117	Windows and meeric Books	placement into IRW 115 or WR 115	
CT 115	Interior and Exterior Finishes	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	
MTH 105 or MTH 105Z		MTH 65 or MTH 98 or equivalent	
	Math in Society	placement. Prerequisite/concurrent: WR	4
		121 or WR 121Z	



Year 2 Fall			16
CT 230	Roofing and Siding	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115 MTH 98 or placement into MTH 65;	
CT 231	Sheetrock/Drywall Basics	placement into IRW 115 or WR 115	3
		MTH 98 or placement into MTH 65;	
CT 232	Flooring Basics	placement into IRW 115 or WR 115	3
	Green Building Materials and	MTH 98 or placement into MTH 65;	
CT 233	Methods	placement into IRW 115 or WR 115	3
	Wethous	place into MTH 98 or MTH 65; pre/co WR	
	General Education	121 or WR 121Z	4
Year 2 Win	ter		16
		MTH 98 or placement into MTH 65;	_
CT 113	Deck Building	placement into IRW 115 or WR 115	3
CT 224	Advanced Make viele and Make ade	MTH 98 or placement into MTH 65;	3
CT 221	Advanced Materials and Methods	placement into IRW 115 or WR 115	
CT 223	Fences, Handrails and Gates	MTH 98 or placement into MTH 65;	3
C1 223	refices, Halluralis allu Gates	placement into IRW 115 or WR 115	0
CT 243	Prints, Drawings and Plans	MTH 98 or placement into MTH 65;	3
C1 243	Fillits, Diawings and Fians	placement into IRW 115 or WR 115	J
	General Education	place into MTH 98 or MTH 65; pre/co WR	4
		121 or WR 121Z	-
Year 2 Spri	ng		13
CT 222	Commercial Concrete	MTH 98 or placement into MTH 65;	3
C1 222		placement into IRW 115 or WR 115	
CT 241	Hardware, Adhesives, Sealants and	MTH 98 or placement into MTH 65;	3
	Flashings	placement into IRW 115 or WR 115	
CT 242	CT 242 Estimating Labor and Materials	MTH 98 or placement into MTH 65;	3
	-	placement into IRW 115 or WR 115	
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
			00
		Total Quarter Credits	90

**Coursework (starting with the Construction Technology—Finishing certificate):** 

Course Number	Course Title	Prerequisites	Credits
Year 1 Fall			16
CT 230	Roofing and Siding	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 231	Sheetrock/Drywall Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3



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CT 232	Flooring Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
		MTH 98 or placement into MTH 65;	
CT 233	Green Building Materials and Methods	placement into IRW 115 or WR 115	3
WR 115	Introduction to Expository Writing	placement into WR 115	4
		placement into WK 115	-
Year 1 Wint	er		16
CT 113	Deck Building	MTH 98 or placement into MTH 65;	3
	<u> </u>	placement into IRW 115 or WR 115	
CT 221	Advanced Materials and Methods	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	
CT 223	Fences, Handrails and Gates	MTH 98 or placement into MTH 65;	3
	, , , , , , , , , , , , , , , , , , , ,	placement into IRW 115 or WR 115	
CT 243	Plans, Drawings and Prints	MTH 98 or placement into MTH 65;	3
	and the second s	placement into IRW 115 or WR 115	
WR 121 or	Composition I	IRW 115 or WR 115 or equivalent	4
WR 121Z	p	placement	-
Year 1 Sprin	ng		13
CT 222	Communication and the	MTH 98 or placement into MTH 65;	2
CT 222	Commercial Concrete	placement into IRW 115 or WR 115	3
CT 244	Hardware, Adhesives, Sealants and	MTH 98 or placement into MTH 65;	2
CT 241	Flashings	placement into IRW 115 or WR 115	3
CT 242	Estimating Labor and Matarials	MTH 98 or placement into MTH 65;	2
CT 242	Estimating Labor and Materials	placement into IRW 115 or WR 115	3
MTH 105 or		MTH 65 or MTH 98 or equivalent	
MTH 105 01	Math in Society	placement. Prerequisite/concurrent: WR	4
WITH 1032		121 or WR 121Z	
Year 2 Fall			16
CT 100	Building Layout	MTH 98 or placement into MTH 65;	2
C1 100	Building Layout	placement into IRW 115 or WR 115	3
CT 102	Residential Concrete	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	3
CT 103	Building Materials and Methods	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	3
CT 104	Floor Framing	MTH 98 or placement into MTH 65;	3
		placement into IRW 115 or WR 115	3
	Consul Edwartian	place into MTH 98 or MTH 65; pre/co WR	4
	General Education	121 or WR 121Z	4
Year 2 Wint	er		16
CT 105	Walls and Ceiling Framing	MTH 98 or placement into MTH 65;	3
C1 103	wans and cening rranning	placement into IRW 115 or WR 115	
CT 106	Roof Framing	MTH 98 or placement into MTH 65;	3
C1 100	Noor Franking	placement into IRW 115 or WR 115	



		Total Quarter Credits	90
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
CT 115	Interior and Exterior Finishes	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 114	Windows and Interior Doors	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 112	Basic Stair Construction	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Year 2 Sprin	g		13
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
CT 111	Plumbing Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 110	Electrical Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3

### **General Education Elective Recommendations**

#### Social Sciences:

- ATH 231 Native Americans of the Northwest (4 cr.)
- ED 216 Purpose, Structure, & Function of Education in a Democracy (3 cr.)
- ED 219 Civil Rights & Multicultural Issues in Educational Settings (3 cr.)
- PS 211 Peace and Conflict (4 cr.)
- SOC 204 Sociology in Everyday Life (4 cr.)
- SOC 205 Social Change in Societies (4 cr.)
- SOC 206 Social Problems (4 cr.)
- SOC 213 Diversity in the United States (4 cr.)
- WGS 202 Activism and Social Change (4 cr.)

### Arts & Letters:

- ART 230 Drawing I (3 cr.)
- COMM 111Z Public Speaking (4 cr.)
- COMM 140 Introduction to Intercultural Communication (4 cr.)
- COMM 215 Small Group Communication: Process and Theory (4 cr.)
- COMM 218Z Interpersonal Communication (4 cr.)
- PHL 202 Introduction to Philosophy: Elementary Ethics (4 cr.)

### Math, Science or Computer Science

- BI 101 Biology (4 cr.)
- G 184 Global Climate Change (4 cr.)
- G 207 Geology of the Pacific Northwest (3 cr.)
- GS 109 Physical Science (Meteorology) (4 cr.)