

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; placement into IRW 115 or WR 115 | 3 |
| CT 102 | Residential Concrete | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 103 | Building Materials and Methods | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 104 | Floor Framing | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| WR 115 | Introduction to Expository Writing | placement into WR 115 | 4 |
| Year 1 Winter | | | 16 |
| CT 105 | Walls and Ceiling Framing | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 106 | Roof Framing | 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 |
| CT 111 | Plumbing Basics | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| WR 121 or WR 121Z | Composition I | IRW 115 or WR 115 or equivalent placement | 4 |
| Year 1 Spring | | | 13 |
| CT 112 | Basic Stair Construction | 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 115 | Interior and Exterior Finishes | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| MTH 105 or MTH 105Z | Math in Society | MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121 or WR 121Z | 4 |

| Year 2 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 |
| CT 232 | Flooring Basics | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 233 | Green Building Materials and Methods | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| | General Education | place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z | 4 |
| Year 2 Winter | | | 16 |
| CT 113 | Deck Building | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 221 | Advanced Materials and Methods | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 223 | Fences, Handrails and Gates | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 243 | Prints, Drawings and Plans | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| | General Education | place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z | 4 |
| Year 2 Spring | | | 13 |
| CT 222 | Commercial Concrete | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 241 | Hardware, Adhesives, Sealants and Flashings | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 242 | Estimating Labor and Materials | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| | General Education | place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z | 4 |
| 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 |
| CT 233 | Green Building Materials and Methods | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| WR 115 | Introduction to Expository Writing | placement into WR 115 | 4 |
| Year 1 Winter | | | 16 |
| CT 113 | Deck Building | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 221 | Advanced Materials and Methods | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 223 | Fences, Handrails and Gates | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 243 | Plans, Drawings and Prints | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| WR 121 or WR 121Z | Composition I | IRW 115 or WR 115 or equivalent placement | 4 |
| Year 1 Spring | | | 13 |
| CT 222 | Commercial Concrete | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 241 | Hardware, Adhesives, Sealants and Flashings | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 242 | Estimating Labor and Materials | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| MTH 105 or MTH 105Z | Math in Society | MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121 or WR 121Z | 4 |
| Year 2 Fall | | | 16 |
| CT 100 | Building Layout | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 102 | Residential Concrete | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 103 | Building Materials and Methods | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 104 | Floor Framing | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| | General Education | place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z | 4 |
| Year 2 Winter | | | 16 |
| CT 105 | Walls and Ceiling Framing | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| CT 106 | Roof Framing | 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 |
| CT 111 | Plumbing Basics | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| | General Education | place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z | 4 |
| Year 2 Spring | | | 13 |
| CT 112 | Basic Stair Construction | 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 115 | Interior and Exterior Finishes | MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115 | 3 |
| | General Education | place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z | 4 |
| Total Quarter Credits | | | 90 |

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.)