



Construction Technology (33 quarter credits)

2022-2023

Program Prerequisites:

- WR 90 – Introductory Writing
- RD 90 – Transformative Reading
- MTH 60 or 98 – Algebra I or Quantitative Math

33-credit certificate outcomes:

1. Explain terms and nomenclature pertaining to the tools, materials and hardware associated with the construction field.
2. Demonstrate the safe and proper use and care of basic construction tools.
3. Perform fundamental construction techniques properly, including foundations, carpentry, basic plumbing and electrical.
4. Apply safe work habits at all times.

Coursework:

Course Number	Course Title	Prereqs	Credits
Fall Term			
CT 101	Tools and Safety	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 102	Footings and Foundations	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 103	Building Materials and Methods	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 104	Floor Framing	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
Winter Term			
CT 105	Walls and Ceiling Framing	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 106	Roof Framing	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 110	Electrical Writing Basics	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 111	Plumbing Basics	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3

Spring Term			
CT 112	Basic Stair Construction	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 113	Building Decks and Porches	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 114	Windows and Exterior Walls	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
CT 115	Interior and Exterior Finishes	MTH 98 or place into MTH 65; Place into IRW 115 or WR 115	3
Total Quarter Credits			36

