



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 Wiring 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

