

# Building Construction Technology

Matt Cole, Instructor



## Tool list

Estimated cost- \$700-\$1000

OSHA approved safety glasses

OSHA approved safety toe boots

25' steel tape measure

100' tape measure

Curved or straight claw hammer 16oz. or 20oz.

Tool apron with hammer holder

Utility knife with blades

4-piece nail set – 1/16, 3/32, 1/8, 5/32

16" X 24" framing square with rafter table

Pair of stair gauge clamps

Swanson Speed Square

Sliding T-bevel

Cats Paw (nail puller)

Flat Bar

24" level

Carpenters pencils

Set of wood chisels- 1/4", 1/2", 3/4", 1"

Coping saw with blades 18 point

Chalk line with chalk

Screw driver set- regular and Philips

Slip joint pliers

Tin snips straight cut

1" putty knife

Adjustable wrench 6" to 8"

Calculator

Cordless drill/impact kit 18V w/two

batteries

Drill bit set 1/16" to 3/8"

## Laptop Computer Minimum System Requirements:

Estimated costs of the laptop computer will range from \$500-\$1,000 depending on the model and features preferred by the student.

### **Software:**

- Licensed Windows 10 or 11 operating system
- Microsoft Office 365 or 2019 Professional (Word, Excel, Access, & PowerPoint)
  - Available for free download through Office 365 account (Matriculating students only)
- Licensed and up-to-date antivirus

### **Hardware:**

| <b>Minimum Requirements</b>                        | <b>Recommended Requirements</b>                         |
|--|---|
| Intel i3, Ryzen3 processor or faster               | Intel i7 8 <sup>th</sup> Generation processor or faster |
| 4GB or RAM   | 8GB or RAM  |
| 256GB Hard Drive                                   | 500GB SSD   |
| Wireless networking                                | Wireless networking                                     |
| Battery with at least 1.5 hours of runtime         | Battery with at least 3.0+ hours of runtime             |
| Web Camera, Mic, and Speakers (Video Conferencing) | Web Camera, Mic, and Speakers (Video Conferencing)      |

### **Optional:**

- Wireless Mouse
- USB Flash Drive (for moving files)
- DVD Drive

## **We do not recommend:**

- **Chrome books**
- **Mac or iPads**
- **Windows S mode laptops**