

# Construction Framing & Finishing Technologies



Diamond Oaks  
Scarlet Oaks



**MORE INFO**  
[greatoaks.com/  
construction](http://greatoaks.com/construction)

Skills recommended to be successful in this career pathway:

## CONSTRUCTION TECHNOLOGIES CAREER CLUSTER

### ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Visual acuity/depth perception
- Perceptual speed/clerical & auditory perception
- Reasoning skills/mechanical aptitude
- Eye/hand/arm coordination/manual dexterity

### ACADEMIC SKILLS



#### APPLIED MATHEMATICS

- Use geometry for calculations
- Measure/use fractions and work with angles
- Create project budgets



#### WORKPLACE DOCUMENTS

- Read contracts/change orders
- Understand building codes
- Follow installation instructions



#### GRAPHIC LITERACY

- Interpret blueprint drawings
- Use punch-out lists
- Visualize plans in multiple dimensions

### DID YOU KNOW STUDENTS IN THIS PROGRAM...

- \* Use practical math to solve problems on job
- \* Work with various types of equipment and tools
- \* Understand hazards of working around equipment
- \* Work in all types of weather
- \* Maintain constant awareness of surroundings
- \* Have knowledge of construction materials
- \* Frequently lift items more than 50 pounds
- \* Rely on hand/foot/eye coordination to operate equipment
- \* Maintain a safe and organized work environment
- \* Must pass a pre-employment drug screen test for many jobs



### COURSES



**YEAR  
1**

- Core and Sustainable Construction
- Remodeling/Renovation
- Principles of Wood Construction



**YEAR  
2**

- Structural Systems
- Construction Capstone



VIEW Great Oaks  
Course Guide  
[greatoaks.com/  
course-guide](http://greatoaks.com/course-guide)

*\*Courses subject to change.*

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## IS THIS YOU?



Find your work personality type with this free assessment at [truity.com](http://truity.com):



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

## Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent, and structured environments.

### Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Dependability
- ✓ Cooperation
- ✓ Integrity
- ✓ Stress tolerance
- ✓ Concern for others

## WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job placement
- ▶ Job shadowing
- ▶ Guest speakers
- ▶ Field trips
- ▶ Community-based customer projects in lab

## CAREER & COLLEGE READY

### Career Credentials

- CITF Career Connections Certificate – Level 1
- CITF Career Connections Certificate – Level 2
- CITF Career Connections Certificate – Level 3
- Manlift Operations
- OSHA 10 – Construction
- CPR/First Aid



For more information, visit [ohiohighered.org](http://ohiohighered.org)

## CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ Laborer
- ▶▶ Carpentry subcontractor
- ▶▶ Building inspector
- ▶▶ Cabinet maker
- ▶▶ Equipment operator
- ▶▶ Foreman
- ▶▶ Construction superintendent



VIEW Essential Skills Guides  
[greatoaks.com/essential-skills](http://greatoaks.com/essential-skills)

Entry-level pay range in Ohio

**\$13 - 36**  
per hour



Great Oaks alum  
Zach Simpson

