



Architectural Drafting and Planning

Youth Apprenticeship

ARCHITECTURAL DRAFTING AND PLANNING

Youth apprentices develop the skills needed to read, edit, and create architectural drawings. In the second year, youth apprentices expand their skills in developing specific residential and/or commercial design pieces.

Length of Apprenticeship: One or two years

OCCUPATIONAL COMPETENCIES

Youth apprentices work with a job site mentor to demonstrate the following competencies.

Year 1 and Year 2: Youth apprentices must complete a **total of 10** competencies. **Nine** must be from the list below. If necessary, employers can substitute **1** competency with another occupationally appropriate skill. That skill should be added to the competency list for assessment.

Architectural Drafting Competencies Year 1	Architectural Planning Competencies Year 2
1. Interpret technical drawings	1. Create a floor plan
2. Use measuring devices	2. Draw a site plan
3. Perform file management tasks	3. Draw a floor system and foundation plan
4. Copy documents and plans	4. Draw sectional views
5. Research building codes and site requirements	5. Draw elevation views
6. Compile site data	6. Develop a stair section drawing
7. Use design software	7. Revise drawings
8. Develop drawings such as plans, elevations, and sections	8. Create interior elevations
9. Apply basic annotation to drawings	9. Create schedules
10. Dimension drawings	10. Create presentation drawings

POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. The following is a partial list.

- Architectural Design and Technology
- Interior Design
- Architectural Structural Engineering Technology