

Becoming A Construction Worker



Course Syllabus

COURSE SYLLABUS

1 Credit (15 hours)

What You Will Learn

Before a shovel hits the ground, someone has already planned the entire project. This unit covers those roles — the people who lead, coordinate, and manage construction. They pay well, grow fast, and are urgently in demand.

Course Length

This course can be completed during a relaxed 5 week period.

COURSE SYLLABUS

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Number of Credits: 1 Credit (15 hours)

Objectives

What You'll Be Able to Do After This Course

- Identify 3+ construction careers that match your income goals, work style, and timeline
- Make an informed choice between trades and college — knowing the real cost and payoff of each
- Name every Fatal Four hazard and explain how it's prevented on a real job site
- Take 2 documented steps toward an apprenticeship, trade school, or degree program
- Complete a personal 30-Day Action Plan and walk out ready to execute it

Course Overview

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Course Outline

Unit 1 Management and Oversight Careers

Unit 2 Skilled Trades; Part 1 The Core Crafts

Unit 3 Skilled Trades; Part 2 Specialty and Emerging Trades

Unit 4 Safety

Unit 5 Your First Steps: Apprenticeships, Trade School & Certifications

Unit 6 Degrees, Licensing and Your Career Game Plan

Description of Activities

- Read through the lesson content and watch the videos
- Take short quizzes
- Complete a writing assignment to reflect on your own interest and skill set as related to the career pathway being considered in this lesson.
- Post written responses in a forum

Rubric for Final Assignment

Essay Prompt, Your Business Pitch

Do self reflection: Apprenticeship, trade school, or four-year degree — which fits you and why? Consider: timeline to earning, learning style, programs near you. Write a 500 word essay to describe how you would introduce the Construction Worker pathway to high schoolers. Create a PowerPoint slide based on your Essay.

Grading Rubric

Criteria	Description	Points
Description	How Detailed is your description of the Construction field	20
Sectors	How thorough is your presentation of the sectors.	25
Safety	Describe why Safety is important	25
Steps for Pathway	How Detailed are the steps you present for taking the Construction worker pathway	20

Criteria	Description	Points
Level of Inspiration	Do research either with AI or with YouTube to obtain inspirational stories of famous construction projects (Such as the Freedom Tower that replaced the New York Twin Towers). How inspirational was your presentation of the construction project you chose.	10
TOTAL		100

Resources

- “Becoming A Construction Worker”; Education4Equity Team.
- ChatGPT.org; Claude: <https://chat.ai-pro.org/>; <https://chat.ai-pro.org/>;
- “California’s Master Plan for Career Education” (<https://careereducation.gov.ca.gov/>)

Instructor: Daniel Hage (Email: Daniel.ed4equity@gmail.com)

How much time does it take to finish this course: This course can be completed during a relaxed 5 week period.