

# PVJOBS Introduction to Construction-101 Training Program

Participants will receive the following industry recognized certifications upon completion of the program:

- OSHA 30-Construction
- HAZMAT-8
- Blue Print for Workplace Success- work-readiness training certificate
- PVJOBS Pre-Construction

## Session Schedule: Mon-Fri 9am- 2pm (3 weeks)

Days 1-6	OSHA 30
Day 7	Union Research and Job Developer Sessions
Days 8-9	Work-Readiness Training Sessions
Day 10	Union Overview
Days 11-12	Construction Math
Day 13	Field Trip
Days 14	HazMat-8
Days 15-16	Hands-On Carpentry Sessions
Day 17	Graduation

## OSHA 30-Construction- 6 days of training

- Introduction to OSHA and the OSH Act
- 29 CFR 1904—Recordkeeping
- Basic Safety Orientation
- OSHA 1926 Subpart C—General Safety and Health Provisions
- 29 CFR 1910 Subpart Z—HEALTH HAZARDS IN CONSTRUCTION: Hazard Communication
- OSHA 1926 Subpart D—HEALTH HAZARDS IN CONSTRUCTION: Hazardous Materials
- OSHA 1926 Subpart D—Process Safety Management (PSM)
- OSHA 1926 Subpart E—Personal Protective Equipment
- Fire Protection for Construction—Basic
- Materials Handling and Storage
- Hand and Power Tools—Basic
- Welding and Cutting for Construction
- Electrical Safety for Construction
- Struck-By and Caught In Between Hazards
- Fall Protection—Basic
- Cranes and Rigging—Basic
- Motor Vehicles
- Excavations—Basic
- Concrete and Masonry Construction—Basic
- Stairways and Ladders
- Confined Spaces
- Lead Safety in the Workplace
- Use of Explosives in the Workplace
- Scaffolds

### **Union Research and Job Developer Session- 1 day of training**

- Union trade research on CalApprenticeship.org
- Career Pathway discussion and plan development

### **Work-Readiness Training/Soft Skills Training- 2 days of training**

#### *Blue Print Work Readiness Training and Soft Skills-2 days*

- Self-Discovery
- Managing Time Effectively
- Understanding Workplace Skills for Today's Employee
- Facing Realities of the Job Market
- Learning How to Use Effective Communication
- Gaining Skills and Knowledge for Contacting Employers
- Preparing with Confidence for the Job Interview
- Getting Hired and Learning about Workplace Issues and Paperwork
- How to Manage Money
- How to Keep the Job

### **Union Overview and Application Process- 1 day of training**

- History of the unions:
- Overview of union trades
- Union application process: application information and guidance

### **Construction Math- 2 days of training**

- Review basic math skills needed for union trades
- Algebra 1 and Algebra 2 overview
- Mechanical reasoning application

### **Field Trip- 1 day of training**

- Tour a union training facility
- Interact with current students and apprentices
- Engage training professors and discuss career pathways

### **HazMat- Hazardous Material Training- 1 day of training**

#### *4-HOUR GENERAL HAZARD AWARENESS*

- Regulatory Overview
- Hazardous Material Classes
- Loading And Unloading
- Segregation Charts
- Hazardous Material Compliance Pocketbook
- 704 Marking System
- Hazard Communication Standard
- Elements Of A Safety Data Sheet
- Course Review and Final Test

#### *4-Hour Basic Safety Training*

- Regulatory Overview
- Emergency Response Guidebook
- Personal Protective Equipment
- Basic Site Control Procedures
- Decontamination Procedures
- Hazardous Material Terminology
- Course Review And Final Test

#### **Hands-on Carpentry Sessions**

- Final Project: Create the 3-4-5 layout method
- Topics: Parts of an inch; Layout and frame a 10 x 10; Plumb it up (level); Install fire blocking; Interior wall
- Tape measure usage, convert from inches to feet- feet to yards etc.
- Hand and power tool usage
- Measuring, Cutting and Building
- Students will use: tape measures, utility knives, chalk boxes, 4ft level, hand and skill saws, 16 sinker nails, and 2x4s.

#### **Graduation**

- Presentation of certificates
- Student Testimonials
- Lunch Festivities