



UBC CARPENTERS

HEAVY FORM CARPENTRY SOLUTIONS



Heavy and highway construction work doesn't have the luxury of a second chance. Whether it's a bridge form, water treatment plant, or high-rise structure, productivity must be at its peak to counteract shrinking budgets and accelerated schedules.

UBC heavy and highway carpenters are experts who put high value on effective training and customer service. We stress teamwork, communications, technical proficiency, and safety. We train, test, monitor, and train some more. When our members go to a job site, their workload is full of tasks that they've trained for, worked at, and excel in. **We partner** with project owners to solve problems and complete tasks to the customer's satisfaction. **We leverage** new technologies, installation methods, and materials to increase work value. And **we address challenges** that surface during a project in a manner that keeps productivity humming.

UBC pile drivers are experts in all aspects of this challenging job. They are skilled at determining load-carrying capacities, gauging hammer performance, and accommodating lateral, compression, or tension loads.

See more at <https://vimeo.com/136059657>



OUR PRODUCTS GO BEYOND CARPENTRY:

- **Expertise.** We solve problems quickly by troubleshooting the issue and implementing a solution.
- **Flexibility.** Disciplined crews are available to work non-traditional hours to keep projects on time.
- **Professionalism.** The most important tool we have is our mind. We understand the importance of a good attitude and professional work ethic, and how to properly represent the contractor and the project owner on the job site.



TRAINED FOR PRODUCTIVITY

Trained for Productivity Intensive training sets UBC Carpenters heavy form professionals apart. Classroom and hands-on instruction hones in on technical proficiency as well as soft skills such as understanding operations worksheets and daily work schedules.

We offer customized training if a project needs it, and we provide training onsite, if that's what it takes.

Just a portion of our training includes:

CONCRETE FORMWORK CURRICULUM:

- Introduction to Formwork
- Form Hardware
- Wall Forms
- Gang Forms
- Slab and Deck Forms
- Pre-Cast Concrete
- Grout and Epoxy
- Bridge Forms
- Footing Forms
- Piers, Pile Caps, Columns
- Tilt-Up Wall Forms
- Slip Forms
- Insulated Concrete Forms
- Stair Forms
- Building Layout
- Fasteners

GENERAL SKILLS CURRICULUM:

- Aerial Lifts
- Blueprint Reading
- Welding and Cutting
- Scaffold Erection

PILE DRIVER CLASSES:

- Crane and Rig Identification
- Accessories
- Hammers
- Types of Piling
- False Work
- Foundation Systems
- Types of SHoring
- Timber Construction
- Layout Instruments
- Rig Set-Up
- Installation of Piling
- Rigging Techniques

SAFETY: OUR TOP-PRIORITY BUSINESS DELIVERABLE

The UBC believes a safe work site is achieved only through comprehensive training for every Millwright on every project. Our members complete and master these health and safety training programs:

- Cardio Pulmonary Resuscitation
- Confined Space Worker Safety
- Ergonomics
- Fall Arrest
- Lock-out/Tag-Out Safety
- SDS Safety Data Sheets
- Occupational Safety & Health Act 10-Hour Course
- Scaffold User Safety
- Pre-Task Analysis, Jobsite Safety Analysis

Bottom Line By using UBC Carpenters, you are assured quality, productive work, from pre-planning to maintenance. Our promise is simple: ● We will work safely, accurately, and dependably. ● We will respond to all requests promptly and will deliver the service that we promised. ● We will communicate early and often and will involve the customer every step of the way. ● We will complete projects according to specified schedules with pride and integrity.

Your goal is our goal.



Visit carpenters.org to learn more about the UBC's commitment to safety, skills training and leadership development.