

Construction Career Pathways

Winter 2010-2011 Northwest College of Construction Course Schedule
A Special Supplement to DJC | Monday, November 22, 2010



Excellent training is your competitive edge.

Empower field & management with new skills!



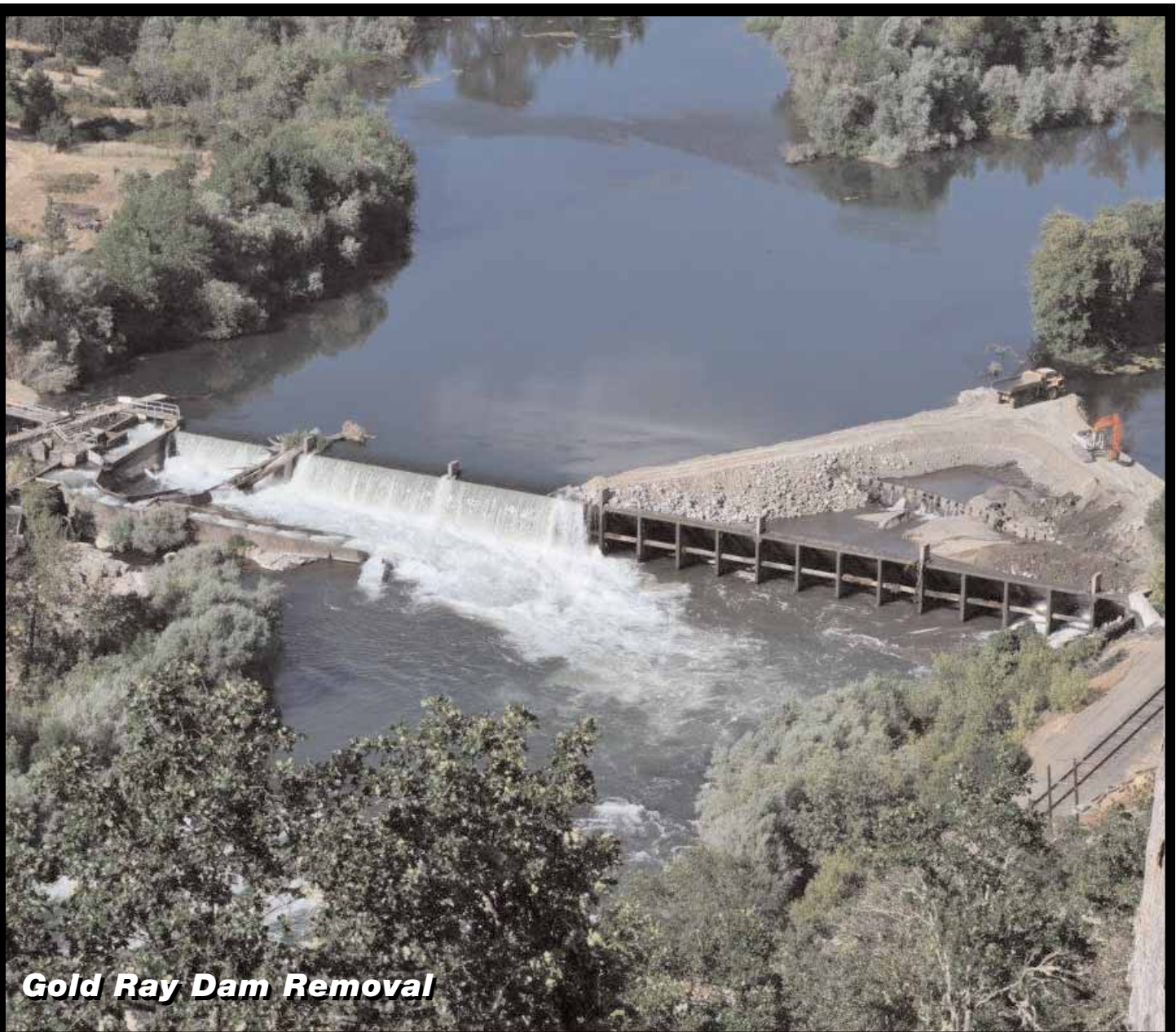
NWCC

**NORTHWEST COLLEGE
OF CONSTRUCTION**

Register Today: 503.256.7300 | www.nwccoc.com



NWCC courses meet CCB Training Requirements; certificates, records/transcripts provided



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Registration:

Register for classes using the Registration Form at the back of the schedule or by visiting us online at www.nwcc.com

Our Mission:

Northwest College of Construction is a privately funded, non-profit technical facility promoting life-long learning by delivering craft, supervisory, management education and career placement services to the construction industry.

Governance:

NWCC is governed by a Board of Directors consisting of members of the four business associations that sponsor the school. The Board consists of the following: Associated Builders and Contractors-Pacific Northwest (ABC), Associated General Contractors-Northwest Chapter (AGC), The Home Builders Association of Portland (HBA), and the National Utility Contractors Association of Oregon and SW Washington (NUCA).

Accreditation:

NWCC uses curriculum developed by the **National Center for Construction Education and Research (NCCER)**.

The NCCER is a not-for-profit education foundation created to develop industry-driven standardized craft training programs with portable credentials and help address the critical workforce shortage facing the construction industry.

The NCCER Mission is to build a safe, productive, and sustainable workforce of craft professionals.

The quality and standardization of NCCER's Contren® Learning Series and Skills Assessments is accomplished through a formal accreditation process. Through this process, participants receive quality training based on uniform standards and criteria. These standards are presented as policies in the NCCER "Accreditation Guidelines".

Licensing and Registration:

Programs licensed and subject to Oregon Department of Education Private Career School regulation: Carpentry, Concrete Finishing, Construction Craft Laborers, Heating, Ventilation & Air Conditioning (HVAC), Heavy Equipment Operations, Masonry, and Sheet Metal. Enrollment in apprenticeship programs requires a separate registration process. Please call NWCC for details.

Programs of study registered with the Oregon State Apprenticeship and Training Council: Carpentry, Concrete Finishing, Heavy Equipment Operations, Heating, Ventilation & Air Conditioning (HVAC), Heavy Equipment Operations, Masonry, Tile Trades and Sheet Metal. (Some programs are approved by the Washington State Apprenticeship Training Council - Call for details.)

Courses for personal and professional development are not subject to licensure or regulation.

Legal Structure:

The Northwest College of Construction is a non-profit 501(c)(3) corporation formed under the laws of the State of Oregon.

Campus Locations:

NWCC = Northwest College of Construction
8111 N.E. Holman Street, Portland Oregon 97218
(503) 256-7300
LCC = Lane Community College
4000 East 30th Avenue, Eugene Oregon 97405
(541) 463-3000

Overview:

NWCC provides open enrollment and admits students of any race, color, national origin, and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of race, color, national origin, and ethnic origin in administration of its educational policies, admission policies, scholarship and loan programs, and other school-administered programs. NWCC delivers courses for students seeking education to fulfill the following career needs: apprenticeship, career track, personal development, continuing education, supervision and management.

It is not necessary to be a registered apprentice to take courses at NWCC. Apprentices, however, must take classes as mandated by the Standards of Apprenticeship for their craft to receive a Journey Card from the Bureau of Labor and Industries.

Refund and withdrawal policies apply to all students. (See Registration Form for Refund Policy)

Customized Training Program:

Customized Training is becoming a popular option for employers and safety, human resource and operations managers. These programs are tailored for either on-site company meetings or may be facilitated at the Northwest College of Construction in Portland. The customizable programs that are available include:

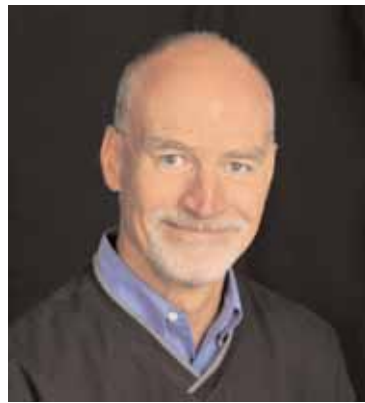
- OSHA 10-hour
- First Aid/CPR
- Flagging Certifications
- Crew Leadership
- Management Seminars including:
 - Construction Law
 - Planning & Scheduling
 - Productivity Improvement
 - Estimating and Cost Control
 - Contract Documents

Pricing and availability may vary depending on the nature of the program, size of group, location, length of the program and other variables. Please call NWCC for further details.

Academic Calendar
(Classes start throughout each term)

	Winter 2010	Spring
Course Schedules Available	Nov. 22	Feb. 21
Registration Begins	Open	Open
Classes begin	Jan. 3	Apr. 4
Campus Closed	Jan. 17	May 30
Finals Week	Mar. 21-26	June 20-25
Last Day of Term	Mar. 26	Jun 25
Grades available	Apr. 4	Jul 5

Welcome to NWCC



Dan Graham
President

Northwest College of Construction is a professional-technical college created by the construction industry to meet the workforce needs of our industry. Our goal as a private, non-profit educational organization is to provide the highly-skilled workers needed in order for the Oregon and Southwest Washington construction industry to continue to build the homes, office towers, small business facilities, shopping centers, and the myriad structures that make up our communities. Of course we also must educate and train the workers who tie it all together with water, power, and communication utilities, not to mention the roads, light-rail lines and bridges that make it all work. In other words, we play a critical role in our northwest economy.

We recruit and train entry-level students who are "Born-To-Build!" and are seeking their first job in the construction industry, as well as provide continuing education for incumbent workers with years in the industry. Many of our students are registered in formal apprenticeship programs while others are open-enrollment students who need just a few courses to fill in a specific skill gap in their trade, craft or specialty.

Most truly skilled workers understand that on-the-job-training isn't enough. After all, construction products and methods continue to change and develop, sometimes at a rapid pace. This makes it imperative for workers to obtain the latest theory and technical knowledge available if they wish to compete for the top-tier positions in the industry. NWCC's combination of the latest curriculum, taught by experienced instructors, using lecture and hands-on application methods create the optimal learning environment for students at all levels of their career.

We also provide the courses needed by those in the industry who are advancing into supervisory and management level responsibilities and offer important certification classes such as OSHA, first aid, flagging, and other specialty courses needed by the industry.

NWCC is in the business of building successful careers in the northwest construction industry. Be sure to take a look at our course selections and contact us or visit us on the internet at www.nwcc.com today for more information.

2010 - 2011 WINTER SCHEDULE CONTENTS

NWCC courses meet CCB Training Requirements; certificates, records/transcripts provided

★ Indicates a class that offers certification

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Introduction to Construction Maintenance and Manufacturing (ICMM)	8
Laborers	8
Masonry	8
Sheet Metal	8
Tile Finishing	8
Tile Setting	8-9





PROFESSIONAL DEVELOPMENT

★ Indicates a class that offers certification

BUILDING ENVELOPE

This course meets the Oregon Construction Contractors Board (CCB) continuing education requirements of key employees. ORS 701.124, OAR 812-020-0065 and 812-020-0070.

Building Envelope-Installation Windows and Doors

Best Practices for Installation of Windows and Doors - The 2-day Window & Door Seminar is the first in a projected series of Building Envelope Certification programs offered by NWCC designed to provide "best practices" in effective methods for control of moisture intrusion into residential buildings. These courses are targeted to experienced trades workers and contractors involved with installation of products to the exterior (building envelope) of single and multi-family residences. Curriculum is designed and in keeping with the latest industry standards, legislation, building codes, and manufacturers' installation recommendations. This course will help you and/or your company standardize building practices, meet the demands of consumers and potentially reduce your risk and insurance costs.

CRN #6815

Date: Fri, Sat, 2/25-2/26 8:00 AM-5:00 PM Location: NWCC
 Member: Tuition: \$256.00 Lab Fee: \$38.00 Books: \$137.00 Total: \$431.00
 Non-Member: Tuition: \$256.00 Lab Fee: \$54.00 Books: \$196.00 Total: \$506.00

CREW LEADERSHIP

This 16-hour course teaches the basic leadership skills required to supervise personnel. It discusses principles of project planning, scheduling, estimating, management, and presents several case studies for student participation. This course is recommended for construction supervisors with two (2) or fewer years of supervisory experience in the field. Individuals with more experience may want to consider the "Supervisory Training Program (STP)" seminars for supervisors with 2-8 years of experience, or the "Project Management" course for those with eight plus (8+) years of supervisory experience. This course meets the Oregon Construction Contractors Board (CCB) continuing education requirements of key employees. ORS 701.124, OAR 812-020-0065 and 812-020-0070.

CRN #6819

Date: Fri, Sat, 2/11-2/12 8:00 AM-4:30 PM Location: NWCC
 Member: Tuition: \$160.00 Books: \$67.00 Total: \$227.00
 Non-Member: Tuition: \$160.00 Books: \$96.00 Total: \$256.00

PROJECT MANAGEMENT

Management skills directly affect every company's bottom line. Each day key decisions made by project managers are crucial to the success of every construction project and the company's bottom line.

The NWCC Project Management Training program is certified by the National Center for Construction Education and Research (NCCER). This evening course focuses on the knowledge and skills needed to be an effective manager of people, schedules, equipment and materials and is recommended for construction supervisors with at least five (5) years of front-line supervisory experience. Individuals with fewer years of experience may want to consider the "Supervisory Training Program (STP)", a 10-unit series of seminars covering essentially the same material at a somewhat less rigorous level. Entry-level supervisors who are transitioning from the construction trades to a supervisory role may want to consider the 16-hour "Introduction to Crew Leadership" course which covers similar material, but with the needs of the beginning supervisory in mind. This course meets the Oregon Construction Contractors Board (CCB) continuing education requirements of key employees. ORS 701.124, OAR 812-020-0065 and 812-020-0070.

Project Management Full Course (Winter/Spring)

This is a twenty-four week, two-term course that meets during the winter and spring terms.

Project Management Full Course (Winter/Spring)

CRN #6859
 Date: Wed, 1/5-6/22 6:00 PM-9:00 PM Location: NWCC
 Member: Tuition: \$1368.00 Books: \$158.00 Total: \$1526.00
 Non-Member: Tuition: \$1368.00 Books: \$226.00 Total: \$1594.00

Introduction to Project Management
Safety
Interpersonal Skills
Issues & Resolutions (Negotiations)
Construction Documents
Construction Planning
Estimating and Cost Control
Scheduling
Resource Control
Quality Control
Continuous Improvement

SUPERVISORY TRAINING PROGRAM ★

Supervisory and management skills directly affect every company's bottom line. The Supervisory Training Program (STP) is developed, updated and field-tested by and for contractors. The 10-Unit Certification program focuses on the knowledge and skills needed to be an effective front-line manager of people, schedules, equipment and materials. Each of the seminars is offered in a full two-day format on Friday and Saturday. The seminars are open to new and experienced superintendents, project engineers, project managers, contract administrators, safety officers and anyone who is interested in improving their supervisory skills. Supervisors with less than two (2) years of construction supervisory experience may want to consider enrolling in "Introduction to Crew Leadership" prior to taking STP. Supervisors and managers with more than eight (8) years of supervisory/management experience may want to consider the "Project Management" course. This course meets the Oregon Construction Contractors Board (CCB) continuing education requirements of key employees. ORS 701.124, OAR 812-020-0065 and 812-020-0070.

Unit 3: Problem Solving and Decision Making ★

This course will help construction supervisors identify problems and how they occur and learn techniques for solving them in the construction industry. Supervisors will learn how to use the decision making process and the important considerations to take into account.

CRN #3411

Date: Fri, Sat, 1/7-1/8 7:30 AM-6:00 PM Location: NWCC
 Member: Tuition: \$320.00 Books: \$167.00 Total: \$487.00
 Non-Member: Tuition: \$320.00 Books: \$239.00 Total: \$559.00

Problems in the construction industry
Establishing a problem solving environment
Human performance problems
The problem identification process
The decision making process
Labor costs and subcontractors
Effective production planning
Production process improvement
Project-wide applications
Risk, emergencies, and crisis situation

Unit 4: Contract Documents and Construction Law ★

This course will provide information about contract documents and construction law to help supervisors recognize the roles and responsibilities of all contracted parties, to develop an understanding of how contract documents can be helpful to solve problems and resolve conflicts, and to develop positive relationships between all parties in the construction process.

CRN #3412

Date: Fri, Sat 1/28-1/29 7:30 AM-6:00 PM Location: NWCC
 Member: Tuition: \$320.00 Books: \$167.00 Total: \$487.00
 Non-Member: Tuition: \$320.00 Books: \$239.00 Total: \$559.00

Introduction to contract documents and construction law
Creating a positive environment through partnering
Contractual relationships
Contract forms and documents
Managing general conditions
Good documentation practices
Changes
Differing site conditions
Time impacts
Negotiation of resolutions

Unit 5: Planning and Scheduling ★

This course will help construction supervisors understand the important role that planning and scheduling plays in the successful completion of a construction project.

CRN #3413

Date: Fri, Sat 2/18-2/19 7:30 AM-6:00 PM Location: NWCC
 Member: Tuition: \$320.00 Books: \$167.00 Total: \$487.00
 Non-Member: Tuition: \$320.00 Books: \$239.00 Total: \$559.00

Introduction to planning and scheduling
Preparing the project plan
Communicating the plan
The critical path
Computer use in scheduling
Using the schedule on the jobsite
Updating the construction schedule
The schedule as documentation
Using planning and scheduling

Unit 6: Understanding and Managing Project Cost ★

This course helps develop an understanding of how project estimates are compiled, how to compare actual project costs with those estimated, and how to control costs to meet the estimate.

CRN # 6783

Date: Fri, Sat 3/11-3/12 7:30 AM-6:00 PM PM Location: NWCC
 Member: Tuition: \$320.00 Books: \$167.00 Total: \$487.00
 Non-Member: Tuition: \$320.00 Books: \$239.00 Total: \$559.00

Introduction to understanding and managing project costs
Construction estimates
Who controls project costs
Reporting and analyzing actual costs
Planning for cost control
Labor cost control
Working with subcontractors
Loss prevention
Cost control strategies
Post-project evaluation

GPS SYSTEMS

GPS Surveying-Procedures & Practice: Bulldozers

This class familiarizes participants with GPS Surveying Systems and their utilization with Heavy Equipment, with application practices with bulldozers. Topics include: Fundamentals of GPS+, Fundamentals of Pocket 3D w/class & field exercises, Introduction to Topcon Software, Topcon 3D Machine Control and an overview of Add-On Components.

CRN #6861

Date: Thr, 3/3, 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$200.00 Lab Fee: \$150.00 Total: \$350.00
 Non-Member: Tuition: \$200.00 Lab Fee: \$214.00 Total: \$414.00

GPS Surveying-Procedures & Practice: Motor Graders

This class familiarizes participants with GPS Surveying Systems and their utilization with Heavy Equipment, with application practices with Motor Graders. Topics include: Fundamentals of GPS+, Fundamentals of Pocket 3D w/class & field exercises, Introduction to Topcon Software, Topcon 3D Machine Control and an overview of Add-On Components.

CRN #6862

Date: Thr, 3/17, 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$200.00 Lab Fee: \$150.00 Total: \$350.00
 Non-Member: Tuition: \$200.00 Lab Fee: \$214.00 Total: \$414.00

INSTRUCTOR CERTIFICATION TRAINING PROGRAM ★

The Instructor Certification Training Program (ICTP) was designed by the National Center for Construction Education and Research (NCCER) as a Train-the-Trainer program. The program is taught by an NCCER Certified Master Trainer. Successful participants receive recognition and certification by NCCER in a specific program of study, provided the minimum NCCER qualifications are met. This course is required by all NWCC instructors, as well as secondary school teachers desiring articulation with the college.

CRN #6775

Date: Fri, 1/7 2:00 PM-7:00 PM and Sat, 1/8 8:00 AM-7:00 PM Location: NWCC
 Member: Tuition: \$250.00 Books: \$83.00 Total: \$333.00
 Non-Member: Tuition: \$250.00 Books: \$119.00 Total: \$369.00

CRN #6776

Date: Fri, 3/18 2:00 PM-7:00 PM and Sat, 3/19 8:00 AM-7:00 PM Location: NWCC
 Member: Tuition: \$250.00 Books: \$83.00 Total: \$333.00
 Non-Member: Tuition: \$250.00 Books: \$119.00 Total: \$369.00

★ Indicates a class that offers certification



Competition is brutal – Education can be your best defense!

Meet NWCC Instructors



Doug Wiser
OSHA-Certified Trainer & Construction Manager

Mr. Wiser brings over 28 years of construction industry experience. He has served as Project Superintendent for an Intel factory; Construction Manager for Oregon Parks & Recreation; Project Manager for Codra Construction and Construction Program Manager for Milstead & Associates – which has programmed over \$2 billion worth of projects throughout the northwest, including LEED Gold school project in McMinnville.

Kevin Friedel, Project Manager
Supervisory Training Program

Kevin has worked at Knife River as their Project Manager and Senior Estimator for 13 years. He brings more than 20 years of experience in managing construction projects and jobsite relationships to the classroom.



Tom Liesy, Owner, TA Liesy Homes NW, LLC
Supervisory Training Program

A certified master builder, Tom Liesy has 20 years of experience as a general contractor in all types of construction. In 2008, the company won the excellence award for single family homes under \$250K. Tom serves on the NWCC Board and on the HBA's Education Committee. Tom's students gain skills to execute their supervisor role more effectively.

Jim Koehn, ACCA/EPIC
HVAC; Manual 'J'; Brazing; NATE ; CEU

Jim has served the HVAC industry for over 25 years and is a licensed Low Voltage Electrician in Oregon and Idaho and a Master Low Voltage Electrician in Washington. He recently worked as a Senior Technician with Tri County Temp Control. Previously Mr. Koehn has worked for McDonald-Miller and Halliburton Contractors in Saudi Arabia. Jim brings over 15 years of adult education to the Northwest College of Construction.



All NWCC Professional Development courses meet Oregon CCB 'elective' training requirements for 'key' personnel; certificates, transcripts provided.

Testimonials:

- All the courses are truly inspiring!
- These classes have helped me to become more valuable to the company. The skills learned have shown me how to apply people skills and adjust my attitude in relating to the crews.
- This is an excellent review of skills required in many aspects of our work. It has improved my understanding of the importance of good communication skills. This tool used right can help to motivate the crews that work beside me.
- Strong features of the class were: hearing the learning of others and sharing same types of problems; active classroom participation; good instructors.

Contractors face countless demands in their efforts to meet project objectives.

Schedules are fast-tracked, budgets are tight. Safety and quality cannot be compromised. The world of construction has grown more complex with various project delivery methods, insurance and bonding concerns, new project management tools, a web of regulations and continuing education requirements.

Meeting Construction's Challenges

Building a profitable and healthy company requires cultivating your competitive advantage – your people! Developing an educated, talented and motivated workforce is a proven strategy for growing your business.

Beyond "On-the-Job" Training

Learning on the job is invaluable – but it's only part of the equation. Learning at NWCC exposes students to new, optimal ways of executing their role, and to industry best practices! NWCC's instructors are not only real world contractors – they are also certified by the National Center for Construction Education and Research.

Firms who have attended the management classes:

Brix Paving Company
Charter Construction
Elting Northwest
Emerick Construction
Kodiak Pacific Construction
Perlo Construction
Phoenix Industrial
R & H Construction
Richard Holland Painting
Slayden Construction

ENROLL Online Today!
www.nwccoc.com

NWCC NORTHWEST COLLEGE
OF CONSTRUCTION

HVAC CONTINUING EDUCATION

★ Indicates a class that offers certification

LE-B CEU'S

Building Management Systems

Explains how computers and microprocessor controls are used to manage zoned HVAC systems in residential and commercial buildings. This course has been approved by the Oregon Department of Consumer and Business Services toward eight (8) HVAC Continuing Education Units.

CRN #6363
 Date: Mon, 1/31-2/14 5:30 PM-9:30 PM Location: NWCC
 Member: Tuition: \$208.00 Lab Fee: \$17.00 Books: \$30.00 Total: \$255.00
 Non-Member: Tuition: \$208.00 Lab Fee: \$24.00 Books: \$43.00 Total: \$275.00

SAFETY

★ Indicates a class that offers certification

OSHA 10-HOUR ★

This class meets OSHA's requirements for a 10 hour construction industry training program. This 10-hour course provides participants with best practices for some of the most common and hazardous situations on the job site. This class is designed for all employees on the job site. Students who successfully complete this training will receive an OSHA-10 Hour card. Successful completion of OSHA 10-Hour and First Aid/CPR meets and exceeds minimum criteria for successful completion of the apprentice required Basic Safety.

CRN #6911
 Date: Fri, 2/4, 12:00 PM-5:00 PM and Sat, 2/5, 8:00 AM-1:00 PM Location: NWCC
 Member: Tuition: \$185.00 Books: \$20.00 Total: \$205.00
 Non-Member: Tuition: \$185.00 Books: \$29.00 Total: \$214.00

CRN #6912
 Date: Fri, 3/4, 12:00 PM-5:00 PM and Sat, 3/5, 8:00 AM-1:00 PM Location: NWCC
 Member: Tuition: \$185.00 Books: \$20.00 Total: \$205.00
 Non-Member: Tuition: \$185.00 Books: \$29.00 Total: \$214.00

OSHA 30-HOUR*

This class meets OSHA's requirements for a 30-Hour construction industry training program. Course contents provide the necessary safety task training to all field personnel. This course is designed for individuals involved with completing or overseeing a specific task, from the craftsperson, crew leader, safety supervisor, to superintendent. This course meets the Oregon Construction Contractors Board (CCB) continuing education requirements of key employees. ORS 701.124, OAR 812-020-0065 and 812-020-0070.

Topics Covered: Introduction to Safety * Hazard Communication * Personal Protective Equipment * Work-Zone Safety * Electrical and High-Voltage Hazards * Fire Protection and Prevention * Hand-and Power-Tool Safety * Welding Safety * Steel Erection * Walking and Working Surfaces * Ladders and Scaffolding * Horizontal Directional Drilling Hazards * Heavy-Equipment, Crane, and Rigging Safety * Trenching Safety * Forklift Safety * Lockout/Tagout * Confined Spaces * Concrete and Masonry

CRN #6822
 Date: Tue, 1/11-3/15 6:00 PM-9:00 PM Location: NWCC
 Member: Tuition: \$300.00 Books: \$137.00 Total: \$437.00
 Non-Member: Tuition: \$300.00 Books: \$196.00 Total: \$496.00

FIRST AID/CPR ★

The MEDIC FIRST AID Training Program covers first aid, CPR, AED, blood-borne pathogens, emergency oxygen, and OSHA safety compliance. Successful participants receive basic First Aid/CPR Certification. Successful completion of OSHA 10-hour and First Aid/CPR meets and exceeds the minimum requirement for successful completion of the apprentice Basic Safety.

CRN #6825
 Date: Fri, 2/11 8:00 PM-12:00 PM Location: NWCC
 Member: Tuition: \$40.00 Books: \$12.00 Total: \$52.00
 Non-Member: Tuition: \$40.00 Books: \$17.00 Total: \$57.00

CRN #6826
 Date: Fri, 3/11 8:00 PM-12:00 PM Location: NWCC
 Member: Tuition: \$40.00 Books: \$12.00 Total: \$52.00
 Non-Member: Tuition: \$40.00 Books: \$17.00 Total: \$57.00

FLAGGING ★

Successful participants of the flagging training class receive a Flagging Certification.

CRN #6834
 Date: Fri, 2/11 12:30 PM-4:30 PM Location: NWCC
 Member: Tuition: \$110.00 Total: \$110.00
 Non-Member: Tuition: \$110.00 Total: \$110.00

CRN #6835
 Date: Fri, 3/11 12:30 PM-4:30 PM Location: NWCC
 Member: Tuition: \$110.00 Total: \$110.00
 Non-Member: Tuition: \$110.00 Total: \$110.00

★ Indicates a class that offers certification



The Stronger the Safety Program, the Healthier the Bottom Line.

Maintaining a healthy bottom line requires a keen eye on all costs. But how do you measure the impact of a solid safety program? No accidents, increased morale, lower insurance rates, employee retention, no loss work and a solid reputation are just a few of the indicators of a strong, healthy company.

Contact NWCC to discover how you can improve and enhance your bottom line with quality safety education and training.

Meet NWCC's Lead Safety Instructor



Doug Wiser
OSHA-Certified Trainer & Construction Manager

Doug recently renewed his certification with a week long course conducted by the OSHA Training Institute. The Course, #500, is considered a Trainer Course in Occupational Safety and Health Standards. This certification provides training on the most hazardous and referenced standards in the construction industry.

With 28 years experience, Doug is also well-versed in construction management. He is passionate about the industry and teaches construction classes on topics that include concrete, heavy equipment, cost containment and safety.

Classes:

- OSHA 10
- OSHA 30
- Develop Your Company Safety Program
- Customized Training (onsite, quarterly meetings, etc.)

ENROLL Online Today!
www.nwccoc.com



CUSTOMIZED TRAINING PROGRAM

Customized Training is becoming a popular option for employers and Operations Managers. These programs are tailored for either on-site company meetings or may be facilitated at the Northwest College of Construction in Portland. The customizable programs that are available include:

- OSHA 10-hour
- First Aid/CPR
- Flagging Certifications
- Crew Leadership
- Management Seminars, including:
Construction Law, Planning & Scheduling
Productivity Improvement
Estimating and Cost Control
Contract Documents

Pricing and availability may vary depending on the nature of the program, size of group, location, length of the program and other variables. Please call NWCC for further details.

CONSTRUCTION CRAFT TRAINING

★ Indicates a class that offers certification

JUMP START ★

A 7-day pre-career/pre-apprenticeship course for individuals with no construction experience that is designed to "jump start" their career. Some NWCC apprenticeship programs require successful completion of this course to qualify for entry into the apprenticeship program.

CRN #6378
Date: Fri, 2/4-Fri, 2/11, 8:00 AM-5:00 PM. Class starts at 12:00 PM on Fri, 2/4. No class Sunday 2/6. Location: NWCC
Member: Tuition: \$425.00 Lab Fee: \$20.00 Books: \$80.00 Total: \$525.00
Non-Member: Tuition: \$425.00 Lab Fee: \$29.00 Books: \$114.00 Total: \$568.00

CRN #6370
Date: Fri, 3/4-Fri, 3/11, 8:00 AM-5:00 PM. Class starts at 12:00 PM on Fri, 3/4. No class Sunday 3/6. Location: NWCC
Member: Tuition: \$425.00 Lab Fee: \$20.00 Books: \$80.00 Total: \$525.00
Non-Member: Tuition: \$425.00 Lab Fee: \$29.00 Books: \$114.00 Total: \$568.00

- OSHA 10-Hour Certification
- Introduction to Construction Math
- Introduction to Hand Tools
- Introduction to Power Tools
- Introduction to Construction Drawings
- First Aid/CPR Certification
- Flagging Certification

CARPENTRY

This program is licensed by the Oregon Department of Education. OAR 581-045-0033(6)(7)

Carpentry Level 1 Full Term

CRN #6023
Date: Mon, 1/3-3/21 6:00 PM-10:00 PM, No class Mon, 1/17, rescheduled to Fri, 1/21 Location: NWCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$180.00 Total: \$720.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$257.00 Total: \$823.00

- Introduction to Construction Math
- Floor Systems
- Wall and Ceiling Framing

Carpentry Level 2 Full Term

CRN #6070
Date: Tue, 1/4-3/22 6:00 PM-10:00 PM Location: NWCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$150.00 Total: \$690.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$214.00 Total: \$780.00

- Roofing Applications
- Commercial Drawings
- Thermal and Moisture Protection
- Exterior Finishing

Carpentry Level 3 Full Term

CRN #6110
Date: Wed, 1/5-3/23, 6:00PM-10:00PM Location: NWCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$150.00 Total: \$690.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$214.00 Total: \$780.00

Carpentry Level 3 Full Term Lane County

CRN #6141
Date: Wed, 1/5-3/23 6:00 PM-10:00 PM Location: LCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$150.00 Total: \$690.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$214.00 Total: \$780.00

- Reinforcing Concrete
- Handling and Placing Concrete
- Foundations and Slab-on-Grade

Carpentry Level 4 Full Term

CRN #6153
Date: Thr, 1/6-3/24 6:00 PM-10:00 PM Location: NWCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$150.00 Total: \$690.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$214.00 Total: \$780.00

Carpentry Level 4 Full Term Lane County

CRN #6178
Date: Wed, 1/5-3/23 6:00 PM-10:00 PM Location: LCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$150.00 Total: \$690.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$214.00 Total: \$780.00

- Welding
- Commercial Finish Work
- Site Preparation
- Crew Leadership

CONCRETE FINISHING

This program is licensed by the Oregon Department of Education. OAR 581-045-0033(6)(7)

Concrete Finishing Level 1 Full Term

CRN #6208
Date: Mon, Tue, Wed, Thr 1/3-1/6 and 2/14-2/17, 7:30 AM-5:30 PM Location: NWCC
Member: Tuition: \$720.00 Lab Fee: \$90.00 Books: \$180.00 Total: \$990.00
Non-Member: Tuition: \$720.00 Lab Fee: \$129.00 Books: \$257.00 Total: \$1106.00

- Basic Employability Skills
- Introduction to Construction Math
- Introduction to Construction Drawings
- Introduction to Hand Tools
- Introduction to Power Tools
- Introduction to Concrete Construction and Finishing
- Safety Requirements
- Basic Rigging
- Properties of Concrete
- Communication Skills
- Tools and Equipment

Concrete Finishing Level 2 Full Term

CRN #6219
Date: Tue, Wed, Thr, Fri., 1/18-1/21 and Mon., Tue, Wed, Thurs. 2/28-3/3, 7:30 AM-5:00 PM Location: NWCC
Member: Tuition: \$720.00 Lab Fee: \$90.00 Books: \$150.00 Total: \$960.00
Non-Member: Tuition: \$720.00 Lab Fee: \$129.00 Books: \$214.00 Total: \$1063.00

- Estimating Concrete Quantities
- Properties of Concrete, Part Two
- Forming

Concrete Finishing Level 3 Full Term

CRN #6231
Date: Mon, Tue, Wed, Thr 1/31-2/3 and 3/14-3/17, 7:30 AM-5:00 PM Location: NWCC
Member: Tuition: \$720.00 Lab Fee: \$90.00 Books: \$150.00 Total: \$960.00
Non-Member: Tuition: \$720.00 Lab Fee: \$129.00 Books: \$214.00 Total: \$1063.00

- Industrial Floors
- Making Repairs
- Introductory Skills for the Crew Leader

HEATING, VENTILATION & AIR CONDITIONING (HVAC)

This program is licensed by the Oregon Department of Education. OAR 581-045-0033(6)(7)

HVAC Level 3 Full Term

CRN #6340
Date: Thr, 1/6-3/24 5:00 PM-9:00 PM Location: NWCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$150.00 Total: \$690.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$214.00 Total: \$780.00

- Metering Devices
- Commercial Hydronic Systems
- Steam Systems
- Water Treatment
- Refrigerants and Oils

HVAC Level 4 Full Term

CRN #6355
Date: Mon, 1/3-3/21 5:30 PM-9:30 PM No class Mon, 1/17. Class will meet Tues. 1/18. Location: NWCC
Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$150.00 Total: \$690.00
Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$214.00 Total: \$780.00

- Energy Conservation Equipment
- Building Management Systems
- System Startup and Shutdown

LE-B CEU'S

Building Management Systems

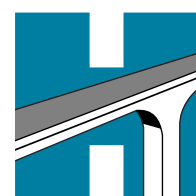
Explains how computers and microprocessor controls are used to manage zoned HVAC systems in residential and commercial buildings. Note: This course has been approved by the Oregon Department of Consumer and Business Services toward eight (8) HVAC Continuing Education Units.

CRN #6363
Date: Mon, 1/31-2/14 5:30 PM-9:30 PM Location: NWCC
Member: Tuition: \$208.00 Lab Fee: \$17.00 Books: \$30.00 Total: \$255.00
Non-Member: Tuition: \$208.00 Lab Fee: \$24.00 Books: \$43.00 Total: \$275.00

★ Indicates a class that offers certification



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HEAVY EQUIPMENT OPERATIONS

This program is licensed by the Oregon Department of Education. OAR 581-045-0033(6)(7)
 Participants may register for the full term or by the week.

HEO Level 1 Full Term

CRN #6242
 Date: Mon, Tue, Wed, Thr, 1/3-1/27 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$3520.00 Lab Fee: \$2000.00 Books: \$180.00 Total: \$5700.00
 Non-Member: Tuition: \$3520.00 Lab Fee: \$2857.00 Books: \$257.00 Total: \$6634.00

HEO Level 1-1

CRN #6243
 Date: Mon, Tue, Wed, Thr, 1/3-1/6 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$180.00 Total: \$1560.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$257.00 Total: \$1851.00

Basic Employability Skills
Basic Communication Skills
Basic Rigging
Introduction to Construction Drawings
Introduction to Construction Math
Introduction to Hand Tools
Introduction to Power Tools

HEO Level 1-2

CRN #6244
 Date: Mon, Tue, Wed, Thr, 1/10-1/13 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$103.00 Total: \$1483.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$147.00 Total: \$1741.00

Orientation to the Trade
Tractors
Heavy Equipment Safety
Identification of Heavy Equipment

HEO Level 1-3

CRN #6245
 Date: Tue, Wed, Thur, Fri 1/18-1/21, 7:30AM-5:30 PM. No class Mon, 1/17 Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$103.00 Total: \$1483.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$147.00 Total: \$1741.00

Grades, Part One
Basic Operational Techniques (Dozers, Scrapers, Loaders)

HEO Level 1-4

CRN #6246
 Date: Mon, Tue, Wed, Thr, 1/24-1/27 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$103.00 Total: \$1483.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$147.00 Total: \$1741.00

Basic Operational Techniques (Backhoes, Excavators & Dump Trucks)

HEO Level 2 Full Term

CRN #6252
 Date: Mon, Tue, Wed, Thr, 1/31-2/24 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$3520.00 Lab Fee: \$2000.00 Books: \$150.00 Total: \$5670.00
 Non-Member: Tuition: \$3520.00 Lab Fee: \$2857.00 Books: \$214.00 Total: \$6591.00

HEO Level 2-1

CRN #6253
 Date: Mon, Tue, Wed, Thr, 1/31-2/3 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Introduction to Earth Moving (Scrapers & Bulldozers)
Scrapers
Forklifts

HEO Level 2-2

CRN #6254
 Date: Mon, Tue, Wed, Thr, 2/7-2/10 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Grades Part Two
Introduction to Earth Moving
Rollers

HEO Level 2-3

CRN #6255
 Date: Mon, Tue, Wed, Thr, 2/14-2/17 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Civil Blueprint Reading
Dump Trucks
Loaders

HEO Level 2-4

CRN #6256
 Date: Mon, Tue, Wed, Thr, 2/21-2/24 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Excavation Math
Backhoes, Excavators

HEO Level 3 Full Term

CRN #6268
 Date: Mon, Tue, Wed, Thr, 2/28-3/24 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$3520.00 Lab Fee: \$2000.00 Books: \$150.00 Total: \$5670.00
 Non-Member: Tuition: \$3520.00 Lab Fee: \$2857.00 Books: \$214.00 Total: \$6591.00

HEO Level 3-1

CRN #6269
 Date: Mon, Tue, Wed, Thr, 2/28-3/3 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Advanced Operational Techniques
Dozers
Introduction to GPS Systems w/Dozer applications (PPI Group)

HEO Level 3-2

CRN #6270
 Date: Mon, Tue, Wed, Thr, 3/7-3/10 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Backhoes
Soils

HEO Level 3-3

CRN #6271
 Date: Mon, Tue, Wed, Thr, 3/14-3/17 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Finishing and Grading
Motor Graders
GPS Systems- Application to Motor Graders (PPI Group)

HEO Level 3-4

CRN #6272
 Date: Mon, Tue, Wed, Thr, 3/21-3/24 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$880.00 Lab Fee: \$500.00 Books: \$150.00 Total: \$1530.00
 Non-Member: Tuition: \$880.00 Lab Fee: \$714.00 Books: \$214.00 Total: \$1808.00

Excavators
Introductory Skills for the Crew leader

Introduction to Construction Maintenance and Manufacturing (ICMM)

These classes are designed to help students build the necessary skills to meet the minimum entry qualifications to enter a trade or apprenticeship program. The course covers terminology, construction trade topics, industry orientation, material handling, rigging, hand and power tool use, OSHA safety, site visits, mock interviews and more.

CRN #6367

Date: Mon, Tue, Wed, Thr, Fri, 1/31-2/18 8:00 AM-4:30 PM Location: NWCC
 Tuition: \$1545.00 Lab Fee: \$178.00 Books: \$244.00 Total: \$1967.00

LABORERS

This program is licensed by the Oregon Department of Education. OAR 581-045-0033(6)(7)

Laborers Level 1 Full Term

CRN #6397
 Date: Tue, 1/4-3/22 6:00 PM-10:00 PM Location: NWCC
 Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$167.00 Total: \$707.00
 Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$239.00 Total: \$805.00

Basic Rigging
Introduction to Construction Drawings
Grades, Part One
Rigging Equipment
Forklifts

Laborers Level 2 Full Term

CRN #6432
 Date: Mon, 1/3-3/21 6:00 PM-10:00 PM, No class Mon, 1/17, Class will meet Wed, 1/19 Location: NWCC
 Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$103.00 Total: \$643.00
 Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$147.00 Total: \$713.00

Tools and Equipment
Cutting Pipe
Gaskets, Joints, and Fittings
Introduction to Elevations

MASONRY

This program is licensed by the Oregon Department of Education. OAR 581-045-0033(6)(7)
 Participants may register for the full term or by the week.

Masonry Level 1 Full Term

CRN #6518
 Date: Mon, Tue, Wed, Thr 1/3-1/6, 2/7-2/10 and 3/21-3/24, 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$1080.00 Lab Fee: \$135.00 Books: \$180.00 Total: \$1395.00
 Non-Member: Tuition: \$1080.00 Lab Fee: \$193.00 Books: \$257.00 Total: \$1530.00

Basic Communication Skills
Introduction to Hand Tools
Introduction to Power Tools
Introduction to Construction Drawings
Basic Rigging
Introduction to Masonry
Masonry Tools and Equipment
Mortar
Basic Employability Skills
Introduction to Construction Math
Measurements, Drawings, and Specifications

Masonry Level 3 Full Term

CRN #6522
 Date: Mon, Tue, Wed, Thr, 1/24-1/27, 2/7-2/10 and 3/21-3/24, 7:30 AM-5:30 PM Location: NWCC
 Member: Tuition: \$1080.00 Lab Fee: \$135.00 Books: \$150.00 Total: \$1365.00
 Non-Member: Tuition: \$1080.00 Lab Fee: \$193.00 Books: \$214.00 Total: \$1487.00

Masonry to High-Rise Construction
Repair and Restoration
Specialized Materials and Techniques
Estimating
Commercial Drawings

SHEET METAL

This program is licensed by the Oregon Department of Education. OAR 581-045-0033(6)(7)
 Sheet Metal apprentices are required to attend an orientation on Thursday, September 17 at 5:30 PM.

Sheet Metal Level 1 Full Term

CRN #6535
 Date: Mon, 1/3-3/21 5:30 PM-10:00 PM, No class Mon, 1/17, rescheduled to Tue 1/18. Location: NWCC
 Member: Tuition: \$700.00 Lab Fee: \$88.00 Books: \$210.00 Total: \$998.00
 Non-Member: Tuition: \$700.00 Lab Fee: \$126.00 Books: \$300.00 Total: \$1126.00

Introduction to Construction Drawings
Basic Rigging
Fabrication One-Parallel Line Development
Trade Math One
Basic Electricity

Sheet Metal Level 2 Full Term

CRN #6554
 Date: Thr, 1/6-3/23, 5:30 PM- 10:00 PM Additional classes Sat 2/6 8:00 AM-12:00 PM and Sat 3/5 8:00 AM- 11:00 AM
 Location: NWCC
 Member: Tuition: \$610.00 Lab Fee: \$76.00 Books: \$150.00 Total: \$836.00
 Non-Member: Tuition: \$610.00 Lab Fee: \$109.00 Books: \$214.00 Total: \$933.00

Fabrication Two-Radial Line Development

Sheet Metal Level 4 Full Term

CRN #6576
 Date: Wed, 1/5-3/23 5:30PM-10:00PM. Note: Apprentices are required to attend First Aid/CPR class Fri 3/11, or provide a copy of a current First Aid/CPR card to Registrar for credit.
 Member: Tuition: \$700.00 Lab Fee: \$88.00 Books: \$222.00 Total: \$1010.00
 Non-Member: Tuition: \$700.00 Lab Fee: \$126.00 Books: \$317.00 Total: \$1143.00

Soldering and Brazing
Introduction to Welding, Brazing and Cutting
Fume and Exhaust System Design
First Aid/CPR

TILE SETTING

This course is open to NWCC registered apprentices and current trade workers only.

Tile Setting Level 1 Full Term

CRN #6633
 Date: Fri and Sat, 1/21-1/22, 2/18-2/19 and 3/18-3/19, 8:00 AM- 4:30 PM Location: NWCC
 Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$130.00 Total: \$670.00
 Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$186.00 Total: \$752.00

★ Indicates a class that offers certification

NORTHWEST COLLEGE OF CONSTRUCTION
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2010-2011 Winter Schedule

(W243-10) Dry-Set Mortar or Latex-Portland Cement Mortar over Gypsum Board on Wood or Metal Studs, Interior Walls
 Product Identification and Application
 Reference Guides for the Installation of Ceramic Tile
 Basic Math
 Guidelines for Selecting and Using Notched Trowels
 Basic Layout: Floor
 Basic Layout: Wall
 Communication Skills
 (B413109) Latex-Portland Cement Mortar or Organic Adhesive over Water-Resistant Gypsum Board on Wood or Metal Studs
 (420-10) Shower Receptors, Walls over dry, wood studs, furring or metal studs
 Responsibilities of the Apprentice Tilesetter
 Eye Safety
 Hand Safety
 (B420-10) Shower Receptors, Walls over dry, wood studs, furring or metal studs
 (F112-10) Cement Mortar Bonded Over Concrete Subfloor, Floors Interior

Tile Setting Level 3 Full Term

CRN #6656
 Date: Fri and Sat, 1/21-1/22, 2/18-2/19 and 3/18-3/19, 8:00 AM- 4:30 PM Location: NWCC
 Member: Tuition: \$480.00 Lab Fee: \$60.00 Books: \$130.00 Total: \$670.00
 Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$186.00 Total: \$752.00
 Non-Member: Tuition: \$480.00 Lab Fee: \$86.00 Books: \$107.00 Total: \$673.00

Material Safety Data Sheets Review
 Reading and Understanding Material Safety Data Sheets
 (P601-10) Interior and Exterior Swimming Pools
 (TR 418-10) Shower Receptor, Cement Mortar
 Basic Drawing Reading
 (R612-10) Cement Mortar in Refrigerator Rooms over Insulation
 Basic Layout: Square Layout for Floor
 Basic Layout: Centering a Wall
 (E1171-10) Placement, Width, Preparation, and Materials for control, and Expansion Joints for Interior and Exterior
 (W231-10) Cement Mortar over Wood Studs or Furring, Walls Interior



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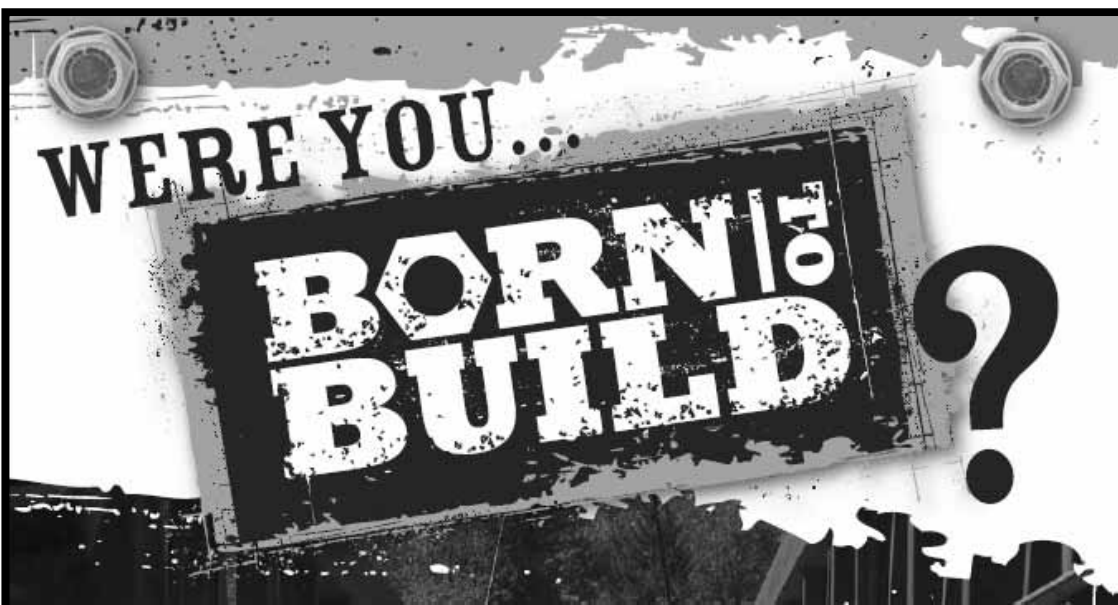
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NWCC NORTHWEST COLLEGE OF CONSTRUCTION REGISTRATION FORM

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Portland, OR 97218
Phone 503-256-7300
Toll-free 800-309-1442
Fax 503-252-9560

NOTICE TO THE STUDENT: DO NOT SIGN THIS AGREEMENT BEFORE YOU READ IT OR IF IT CONTAINS ANY BLANK SPACES. THIS IS A LEGAL INSTRUMENT. THIS CONTRACT IS BINDING. READ ENTIRE FORM BEFORE SIGNING.

Agreement is Binding:
This agreement will be binding only when officially accepted and the agreement is fully completed, signed and dated by the student and chief administrative officer or authorized representative of the school prior to the time instruction begins.

EFFECTIVE DATE OF ACCEPTANCE: I certify that (1) I have read and understood the cancellation and refund policy; (2) that I have received a copy of the school catalog or schedule of classes; and (3) that I AM ENTITLED TO AN EXACT COPY OF THIS ENROLLMENT AGREEMENT, SCHOOL CATALOG AND ANY OTHER PAPERS I MAY SIGN.

Any inquiry a student may have regarding this contract may be made in writing to the Northwest College of Construction or to the Superintendent of Public Instruction, Oregon Department of Education, 255 Capitol NE, Salem, OR 97310-0203 or by calling (503) 947-5751.

Additionally, I understand the following:

- 1) That tuition charges will accrue based on the hours that the program is offered by the school and that I have contracted/scheduled to attend, rather than my actual attendance; I am responsible for paying all registration fees, book fees, lab fees and a prorated tuition amount for any classes attended prior to withdrawal.
- 2) That any refund calculation is based on my last date of physical attendance;
- 3) That any refund calculation is based on my last date of physical attendance;
- 4) If a lab fee is included, the school must indicate what the lab fee covers; and
- 5) A Student may cancel enrollment by giving written notice to the school. If notice occurs:
 - a) Within five business days of the date of enrollment, all monies paid shall be refunded; or
 - b) After five business days of the date of enrollment and prior to the commencement of classes, the school may retain only the published registration fee.
- 6) If student withdraws prior to completion of 50% of the contracted instructional program, the student shall be entitled to a pro rata refund of the tuition charged and paid for such instructional program, less registration fees, supply fees, and any other charges owed by the student.
- 7) If student withdraws upon completion of 50% or more of the contracted instructional program, the student shall be obligated for the tuition charged for the entire instructional program and shall not be entitled to any refund.
- 8) The term "Pro rata refund" means a refund of tuition paid for that portion of the program beyond the last recorded date of attendance. The date for determining that portion shall be the published class schedule and the last recorded date of attendance by the student.

MY SIGNATURE INDICATES THAT I HAVE READ ALL PAGES OF THIS DOCUMENT AND AGREE TO THE STATED STIPULATIONS.

I hereby authorize the NCCER registry department to verify information in my training records to Sponsor Representative/ Primary Administrator upon request. I release and hold harmless NCCER for this verification process.
To be entered in the NCCER's National Registry, you must complete and sign this Registration and Release form. This form must either be forwarded by your ATS/ AAC to NCCER's registry department, or the ATS/ AAC may choose to maintain the Registration and Release forms locally and provide the registry with a blanket release form letter. This letter must include the signature of the Sponsor Representative/ Primary Administrative or other authorized officer of the ATS/ AAC.
Reports containing trainee/participant information, including score sheets, training prescriptions, and transcripts, should **NOT** be distributed without properly documented release information from the trainee/participant.

This Enrollment Agreement, dated _____, is between Northwest College of Construction and:

Name _____

Address _____

City/State/Zip _____

Phone _____

E-mail _____

Social Security Number _____

Birth Date _____

Sex Male Female

Employer _____

Ethnic Origin – Your response is voluntary and will not affect admission to NWCC

Asian Black American Indian

Hispanic White Other

Emergency Contact _____

Relationship _____

Phone Number _____

Educational Goals – Check one that applies to your current standing

- CONSTRUCTION CRAFT TRAINING (Apprentice)* **AP-CIT**
(Carpentry, Laborers, HEO, Conc. Fin., Masonry, Sign Hangers, Tile)
- CONSTRUCTION CRAFT TRAINING (Apprentice)* **AP-ABC**
(HVAC, Sheet Metal)
- CONSTRUCTION CRAFT TRAINING (Professional Enrichment) **PE**
- CONSTRUCTION CRAFT TRAINING (Career Preparation) **CP**
- COMMUNITY EDUCATION **CE**
- PROFESSIONAL DEVELOPMENT **PD**
* Orientation Required

Course Information

Member vs. Non-Member pricing: NWCC "Members" include students currently employed by a firm that is a member of any of NWCC's four founding sponsors. (See website or current schedule for pricing.)

Registration Fee

\$10.00: Community Education Classes, Jump Start, OSHA 10-hour, First Aid/CPR, Flagging, NATE Test Preparation, Manual J Test Preparation, CFC Certification, ORACCA Brazing Certification, Contractor's Friday Focus

\$30.00: All other classes

Title:	Tuition:
CRN:	Books:
Dates:	Lab Fee:
Times:	Registration Fee:
Total:	

Title:	Tuition:
CRN:	Books:
Dates:	Lab Fee:
Times:	Registration Fee:
Total:	

TOTAL DUE \$ _____

Payment - Total amount is due no later than the first day of class.

- Funded by Apprenticeship Trust: Program _____
- Cash
- Check # _____
- Credit Card

VISA/MC _____ Exp _____

Valid Signature _____

Signature of Student _____

Date _____

Signature of Parent/Guardian (if student is under 18) _____

Date _____

Signature of School Official _____

Date _____



Northwest College of Construction Directors

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Jim Fisher	Prime Time Development	Home Builders Association of Metro Portland	Northwest College of Construction Board
Ken Troyer	Hydro-Temp Mechanical Inc.	Associated Builders & Contractors Association	Northwest College of Construction Board
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