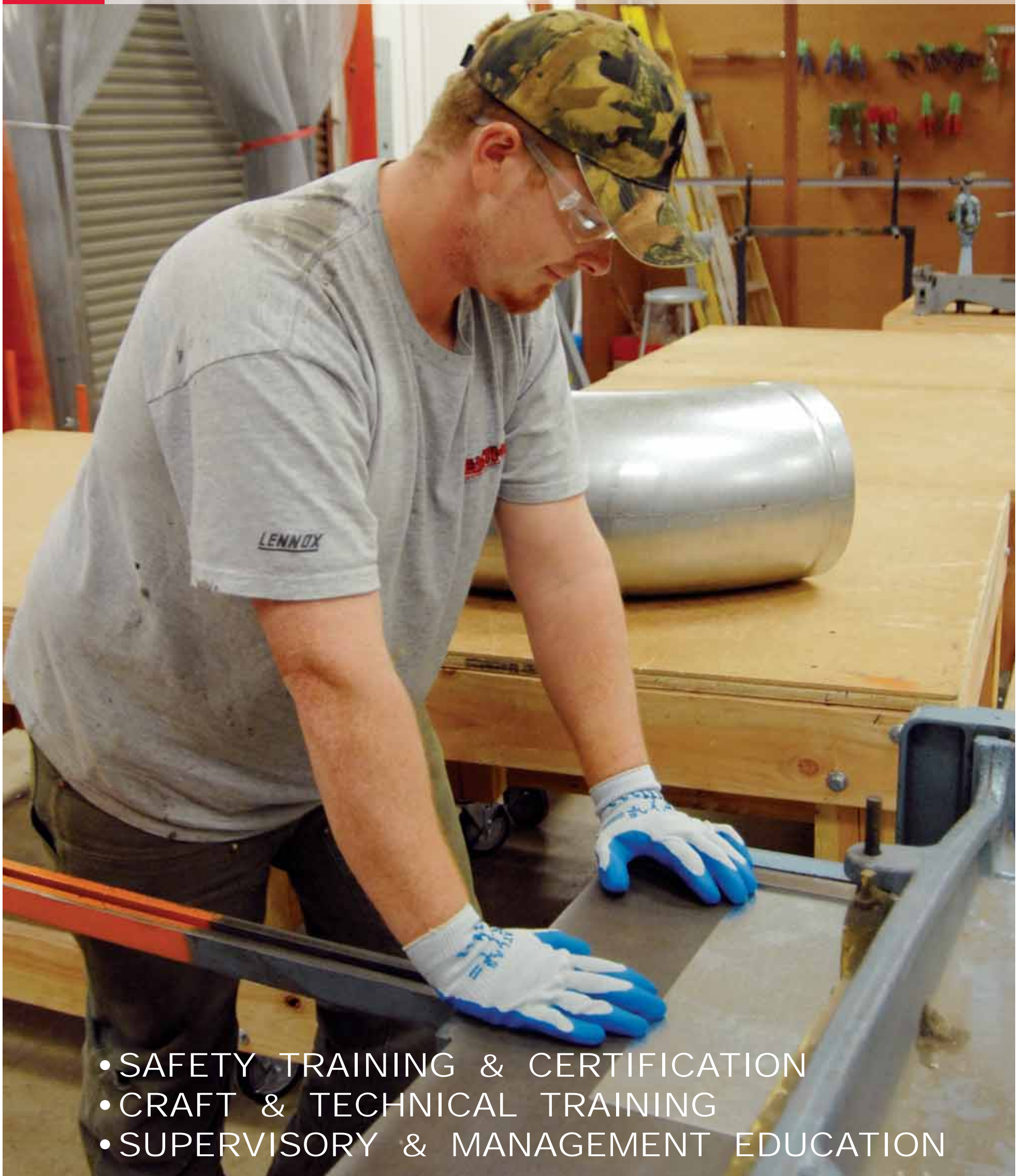


Construction Career Pathways

Spring/Summer 2008 Northwest College of Construction Course Schedule
A Special Supplement to DJC | February 25, 2008



- SAFETY TRAINING & CERTIFICATION
- CRAFT & TECHNICAL TRAINING
- SUPERVISORY & MANAGEMENT EDUCATION

• CARPENTERS • PAINTERS • WELDERS/FABRICATORS • INSPECTORS • ELECTRICIANS

• ENGINEERS • ESTIMATORS • LABORERS • MACHINISTS • CNC PROGRAMMERS • MILLWRIGHTS • DRIVERS

• HEATING & HVAC • CAD OPERATORS • CEMENT FINISHERS • PIPE FITTERS • EQUIPMENT OPERATORS



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- Short term/long term assignments
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- 401 (k) benefits

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NWCC**



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CALL: (360) 260-88010

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- **Nutter Corporation**
- **Cascade Bridge**
- **Norway Development**
- **Hunter Davisson**
- **Cherokee General**
- **Yorke & Curtis**
- **Ore Pac**

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 (ABC), Associated General Contractors (AGC), The Home Builders Association of Portland (HBA), and the National Utility Contractors Association of Oregon and SW Washington (NUCA).

Accreditation:

NWCC is accredited by the National Center for Construction Education and Research (NCCER) (www.nccer.org) that was created to address the critical workforce shortage facing the construction industry and to develop industry driven standardized craft training programs with portable credentials.

The NCCER Mission is to assure that industry clients receive quality services and industry workers have rewarding, progressive careers. The NCCER provides world-class craft training materials, opportunities for leadership growth, and effective safety training that will enhance productivity, cost-effectiveness, and the image of the construction and maintenance industry.

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:

NWCC is licensed with the Oregon Department of Education as a Private Career School.

Legal Structure:

The Northwest College of Construction (NWCC) 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

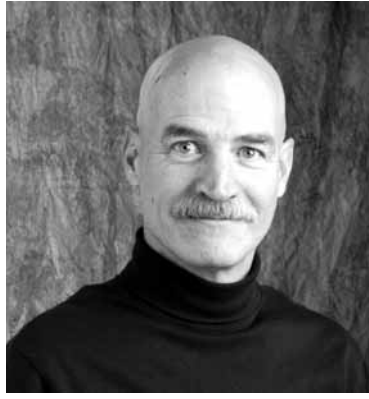
LCC = Lane Community College
4000 East 30th Avenue, Eugene Oregon 97405
(541) 463-3000

BMCC = Blue Mountain Community College
2411 NW Carden Avenue, Pendleton Oregon 97801
(541) 276-1260

Academic Calendar
(Classes start throughout each term)

	Spring/Summer 2008	Fall 2008
Course Schedules Available	Feb. 25	Jul. 28
Registration Begins	Mar. 3	Aug. 4
Classes begin	Apr. 7	Sep. 29
Campus Closed	May 26	Nov. 27-28 Dec. 25-26
Finals Week	June 23-26	Dec. 15-20
Last Day of Term	June 26	Dec. 20
Grades available	July 7	Dec. 29

Welcome to NWCC



Dan Graham
President

Northwest College of Construction (NWCC, www.nwccoc.com) is the new 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 SW 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 NW 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 OJT (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. Of course we also offer those important, certifications such as OSHA, first aid, traffic control, 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 today for more information.

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COURSE OFFERINGS

SAFETY TRAINING AND CERTIFICATION

OSHA 10-HOUR SAFETY ORIENTATION

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. Designed for all employees on the job site. OSHA 10-Hour cards provided to students who successfully complete this training.

S0103 OSHA 10-hour Safety Orientation

Course/Module Title: OSHA 10-hour Safety Orientation

CRN #75000W082 Module #00

Day/Date: F 3/7 12:00 PM-5:00 PM & S 3/8 8:00 AM-1:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$185.00

NON-MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$195.00

CRN #75000S083 Module #00

Day/Date: F 4/4 12:00 PM-5:00 PM & S 4/5 8:00 AM-1:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$185.00

NON-MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$195.00

CRN #75000S084 Module #00

Day/Date: F 5/9 12:00 PM-5:00 PM & S 5/10 8:00 AM-1:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$185.00

NON-MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$195.00

CRN #75000S085 Module #00

Day/Date: F 6/6 12:00 PM-5:00 PM & S 6/7 8:00 AM-1:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$185.00

NON-MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$195.00

CRN #75000S086 Module #00

Day/Date: F 7/11 12:00 PM-5:00 PM & S 7/12 8:00 AM-1:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$185.00

NON-MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$195.00

CRN #75000S087 Module #00

Day/Date: F 8/8 12:00 PM-5:00 PM & S 8/9 8:00 AM-1:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$185.00

NON-MEMBER: TUITION: \$185.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$195.00

FIRST AID/CPR

MEDIC FIRST AID Training Programs cover first aid, CPR, AED, blood-borne pathogens, emergency oxygen, and OSHA safety compliance. Successful participants receive basic First Aid/CPR Certification. Successful completion of S0103 and CPR103 meets and exceeds minimum criteria for successful completion of the required Module CC101 Basic Safety.

CPR103 First Aid/CPR

Course/Module Title: First Aid/CPR

CRN #91000W082 Module #00

Day/Date: F 3/14 8:00 AM-12:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$40.00

NON-MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$50.00

CRN #91000S083

Day/Date: F 4/11 8:00 AM-12:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$40.00

NON-MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$50.00

CRN #91000S084

Day/Date: F 5/16 8:00 AM-12:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$40.00

NON-MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$50.00

CRN #91000S085

Day/Date: F 6/13 8:00 AM-12:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$40.00

NON-MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$50.00

CRN #91000S086

Day/Date: F 7/18 8:00 AM-12:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$40.00

NON-MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$50.00

CRN #91000S087

Day/Date: F 8/15 8:00 AM-12:00 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$40.00

NON-MEMBER: TUITION: \$40.00 LAB FEE: \$0.00 BOOKS: \$10.00 TOTAL: \$50.00

FLAGGING

Successful participants of the flagger training class receive a Flagger Certification recognized by Oregon, Washington, Idaho and Montana.

F103 Flagging

Course/Module Title: Flagging

CRN #73000W082 Module #00

Day/Date: F 3/14 12:30 PM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

NON-MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

CRN #73000S083

Day/Date: F 4/11 12:30 PM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

NON-MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

CRN #73000S084

Day/Date: F 5/16 12:30 PM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

NON-MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

CRN #773000S085

Day/Date: F 6/13 12:30 PM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

NON-MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

CRN #73000S086

Day/Date: F 7/18 12:30 PM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

NON-MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

CRN #73000S087

Day/Date: F 8/15 12:30 PM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

NON-MEMBER: TUITION: \$100.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$100.00

OSHA 30-HOUR (FIELD SAFETY)

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 craftsman, crew leader, safety supervisor, to superintendent. Volumes may be taken independently, see individual volume schedules below. Participants must successfully complete all five volumes to be awarded OSHA 30 Certification.

FS102 OSHA 30-hour Field Safety Full Term

Course/Module Title: OSHA 30-hour Field Safety Full Term

See topics covered below each volume

CRN #75100S08 Module #00

Day/Date: T 4/15-6/17 6:00 PM - 9:00 PM LOCATION: NWCC, Room 102

MEMBER: TUITION: \$285.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$389.00

NON-MEMBER: TUITION: \$285.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$434.00

Course/Module Title: OSHA 30-hour Field Safety Volume 1

Topics Covered: Introduction to Safety * Hazard Communication * Personal Protective Equipment * Work-Zone Safety

CRN #75100S08V1 Module #00

Day/Date: T 4/15 & 4/22 6:00 PM - 9:00 PM LOCATION: NWCC, Room 102

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: OSHA 30-hour Field Safety Volume 2

Topics Covered: Electrical and High-Voltage Hazards * Fire Protection and Prevention * Hand-and Power-Tool Safety * Welding Safety

CRN #75100S08V2 Module #00

Day/Date: T 4/29 & 5/6 6:00 PM - 9:00 PM LOCATION: NWCC, Room 102

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: OSHA 30-hour Field Safety Volume 3

Topics Covered: Steel Erection * Walking and Working Surfaces * Ladders and Scaffolding

CRN #75100S08V3 Module #00

Day/Date: T 5/13 & 5/20 6:00 PM - 9:00 PM LOCATION: NWCC, Room 102

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: OSHA 30-hour Field Safety Volume 4

Topics Covered: Horizontal Directional Drilling Hazards * Heavy-Equipment, Crane, and Rigging Safety * Trenching Safety * Forklift Safety

CRN #75100S08V4 Module #00

Day/Date: T 5/27 & 6/3 6:00 PM - 9:00 PM LOCATION: NWCC, Room 102

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: OSHA 30-hour Field Safety Volume 5

Topics Covered: Lockout/Tagout * Confined Spaces * Concrete and Masonry

CRN #75100S08V5 Module #00

Day/Date: T 6/10 & 6/17 6:00 PM - 9:00 PM LOCATION: NWCC, Room 102

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

SAFETY TECHNOLOGY

Provides instruction on how to implement and administer a company safety program. This course and the accompanying manual, is designed for field managers, safety directors, safety committees, owner safety representatives, and insurance/loss control representatives. This course is comprised of five Volumes. Volumes may be taken independently, see individual volume schedules below.

ST103 Safety Technology Full Term

Course/Module Title: Safety Technology Full Term

See topics covered below each volume

CRN #75200S08 Module #00

Day/Date: Th 4/17-6/19 6:00 PM - 9:00 PM LOCATION: NWCC, Room 101

MEMBER: TUITION: \$285.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$389.00

NON-MEMBER: TUITION: \$285.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$434.00

Course/Module Title: Safety Technology Volume 1

Topics Covered: Introduction to Safety Technology * Hazard Recognition, Evaluation, and Control * Risk Analysis and Assessment * Inspections, Audits, and Observations

CRN #75200S08V1 Module #00

Day/Date: Th 4/17 & 4/24 6:00 PM - 9:00 PM LOCATION: NWCC, Room 101

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: Safety Technology Volume 2

Topics Covered: Employee Motivation * Site-Specific ES&H Plans * Emergency Action Plans * JSAs and TSAs

CRN #75200S08V2 Module #00

Day/Date: Th 5/1 & 5/8 6:00 PM - 9:00 PM LOCATION: NWCC, Room 101

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: Safety Technology Volume 3

Topics Covered: Safety Orientation and Training * Work Permit Policies * Confined-Space Entry Procedures * Safety Meetings

CRN #75200S08V3 Module #00

Day/Date: Th 5/15 & 5/22 6:00 PM - 9:00 PM LOCATION: NWCC, Room 101

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: Safety Technology Volume 4

Topics Covered: Accident Investigation: Policies and Procedures * Accident Investigation: Data Analysis * Recordkeeping

CRN #75200S08V4 Module #00

Day/Date: Th 5/29 & 6/5 6:00 PM - 9:00 PM LOCATION: NWCC, Room 101

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

Course/Module Title: Safety Technology Volume 5

Topics Covered: OSHA Inspection Procedures * ES&H Data Tracking and Trending * Environmental Awareness

CRN #75200S08V5 Module #00

Day/Date: Th 6/12 & 6/19 6:00 PM - 9:00 PM LOCATION: NWCC, Room 101

MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$104.00 TOTAL: \$182.00

NON-MEMBER: TUITION: \$78.00 LAB FEE: \$0.00 BOOKS: \$149.00 TOTAL: \$227.00

CONSTRUCTION CRAFT TRAINING (Career Development and Modularized Training)

JUMP START

A 7-day pre-career/pre-apprenticeship course for individuals with little, or no, construction experience designed to "jump start" their career. Successful participants complete this course with three industry recognized certifications, practical construction training and hands-on experience (See "Topics Covered" below.) Some of NWCC's apprenticeship programs require successful completion of this course to qualify for entry into the apprenticeship program.

Jump Start

Course/Module Title: Jump Start

Topics Covered: OSHA Inspection Procedures * ES&H Data Tracking and Trending * Environmental Awareness

CRN #12100W082 Module #00

Day/Date: F 3/7-3/14 8:00 AM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$475.00 LAB FEE: \$0.00 BOOKS: \$68.00 TOTAL: \$543.00

NON-MEMBER: TUITION: \$475.00 LAB FEE: \$0.00 BOOKS: \$97.00 TOTAL: \$572.00

CRN #12100S083 Module #00

Day/Date: F 4/4-4/11 8:00 AM-4:30 PM LOCATION: NWCC, Room 201

MEMBER: TUITION: \$475.00 LAB FEE: \$0.00 BOOKS: \$68.00 TOTAL: \$543.00

NON-MEMBER:



CRN #12100S087 Module #00
Day/Date: F 8/8-8/15 8:00 AM-4:30 PM LOCATION: NWCC, Room 201
MEMBER: TUITION: \$475.00 LAB FEE: \$0.00 BOOKS: \$68.00 TOTAL: \$543.00
NON-MEMBER: TUITION: \$475.00 LAB FEE: \$0.00 BOOKS: \$97.00 TOTAL: \$572.00

CARPENTRY

CARPENTRY LEVEL 1: FUNDAMENTALS

Carpentry Fundamentals Level 1 is the second term of a 144-hour course that meets the annual requirement of related training for registered apprentices, offered over three 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. Textbooks: Core Curriculum and Carpentry Fundamentals, published by Prentice Hall, are used for the entire course of study (1st year of apprenticeship). Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

C103 Carpentry Level 1: Fundamentals Full Term

Course/Module Title: (See Module titles below)

CRN #27100S08 Module #00
Day/Date: M 4/7-6/23 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$75.00 TOTAL: \$580.00
NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$107.00 TOTAL: \$661.00

Note: No class Monday, May 26. Class will meet Tuesday, May 27.

Carpentry Level 1: Fundamentals By Module

Course/Module Title: Roof Framing

CRN #27107S08 Module #27107
Day/Date: M 4/7-5/5 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$260.00 LAB FEE: \$20.00 BOOKS: \$75.00 TOTAL: \$355.00
NON-MEMBER: TUITION: \$260.00 LAB FEE: \$40.00 BOOKS: \$107.00 TOTAL: \$407.00

Course/Module Title: Windows and Exterior Doors

CRN #27109S08 Module #27109
Day/Date: M 5/12-5/19 & T 5/27 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$156.00 LAB FEE: \$12.50 BOOKS: \$75.00 TOTAL: \$243.50
NON-MEMBER: TUITION: \$156.00 LAB FEE: \$25.00 BOOKS: \$107.00 TOTAL: \$288.00

Note: No class Monday, May 26. Class will meet Tuesday, May 27.

Course/Module Title: Basic Stair Layout

CRN #27110S08 Module #27110
Day/Date: M 6/2-6/23 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$75.00 TOTAL: \$299.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$107.00 TOTAL: \$348.00

CARPENTRY LEVEL 2: FRAMING AND FINISHING

Carpentry Level 2 is the third term of a 144-hour course offered over three 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. Textbook: Carpentry Finishing & Framing, published by Prentice Hall, is used for the entire course of study. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

C203 Carpentry Level 2: Framing and Finishing Full Term

Course/Module Title: See Module titles below

CRN #27200S08 Module #00
Day/Date: T 4/8-6/24 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$112.00 TOTAL: \$617.00
NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$160.00 TOTAL: \$714.00

Carpentry Level 2: Framing and Finishing By Module

Course/Module Title: Window, Door, Floor, and Ceiling Trim

CRN #27210S08 Module #27210
Day/Date: T 4/8-5/6 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$260.00 LAB FEE: \$20.00 BOOKS: \$75.00 TOTAL: \$355.00
NON-MEMBER: TUITION: \$260.00 LAB FEE: \$40.00 BOOKS: \$107.00 TOTAL: \$407.00

Course/Module Title: Exterior Finish

CRN #27204S08 Module #27204
Day/Date: T 5/13-6/3 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$156.00 LAB FEE: \$12.50 BOOKS: \$75.00 TOTAL: \$243.50
NON-MEMBER: TUITION: \$156.00 LAB FEE: \$25.00 BOOKS: \$107.00 TOTAL: \$288.00

Course/Module Title: Roofing Applications

CRN #27202S08 Module #27202
Day/Date: T 6/10-6/24 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$75.00 TOTAL: \$299.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$107.00 TOTAL: \$348.00

CARPENTRY LEVEL 3

Carpentry Level 3 is the second term of a 144-hour course offered over three 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. Textbook: Carpentry Level 3, published by Prentice Hall, is used the entire course of study. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

C303 Carpentry Level 3 Full Term

Course/Module Title: See Module titles below

CRN #27300S08 Module #00
Day/Date: W 4/9-6/25 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$112.00 TOTAL: \$617.00
NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$160.00 TOTAL: \$714.00

Carpentry Level 3 By Module

Course/Module Title: Interior Finish One: Doors

CRN #27308S08 Module #27308
Day/Date: W 4/9-5/7 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$260.00 LAB FEE: \$20.00 BOOKS: \$75.00 TOTAL: \$355.00
NON-MEMBER: TUITION: \$260.00 LAB FEE: \$40.00 BOOKS: \$107.00 TOTAL: \$407.00

Course/Module Title: Interior Finish Three: Window, Door, Floor & Ceiling Trim

CRN #27310S08 Module #27310
Day/Date: W 5/14-6/4 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$156.00 LAB FEE: \$12.50 BOOKS: \$75.00 TOTAL: \$243.50
NON-MEMBER: TUITION: \$156.00 LAB FEE: \$25.00 BOOKS: \$107.00 TOTAL: \$288.00

Course/Module Title: Interior Finish Four: Cabinet Installation

CRN #27311S08 Module #27311
Day/Date: W 6/11-6/25 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$75.00 TOTAL: \$299.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$107.00 TOTAL: \$348.00

CARPENTRY LEVEL 4

Carpentry Level 4 (generally year-4 in an apprenticeship program) is a 144-hour course offered over three 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. This Textbook: Carpentry Level 4, published by Prentice Hall, is used the entire course of study. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

C403 Carpentry Level 4 Full Term

Course/Module Title: See Module titles below

CRN #27400S08 Module #00
Day/Date: Th 4/10-6/26 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$532.00 LAB FEE: \$57.50 BOOKS: \$112.00 TOTAL: \$701.50
NON-MEMBER: TUITION: \$532.00 LAB FEE: \$115.00 BOOKS: \$160.00 TOTAL: \$807.00

Carpentry Level 4 By Module

Course/Module Title: Site Layout Two: Angular Measurement

CRN #27401S08 Module #27101
Day/Date: Th 4/10-5/8 6:00 PM-10:00 PM & S 4/26-5/3 8:00 AM-12:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$364.00 LAB FEE: \$28.50 BOOKS: \$112.00 TOTAL: \$504.50
NON-MEMBER: TUITION: \$364.00 LAB FEE: \$57.00 BOOKS: \$160.00 TOTAL: \$581.00
Class will meet on two Saturdays

Course/Module Title: Introduction to Light Equipment

CRN #27204S08 Module #27406
Day/Date: Th 5/15-5/22 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$104.00 LAB FEE: \$8.00 BOOKS: \$112.00 TOTAL: \$224.00
NON-MEMBER: TUITION: \$104.00 LAB FEE: \$16.00 BOOKS: \$160.00 TOTAL: \$280.00

Course/Module Title: Introductory Skills for the Crew Leader

CRN #27409S08 Module #27409
Day/Date: Th 5/29-6/26 6:00 PM-10:00 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$260.00 LAB FEE: \$20.00 BOOKS: \$112.00 TOTAL: \$392.00
NON-MEMBER: TUITION: \$260.00 LAB FEE: \$40.00 BOOKS: \$160.00 TOTAL: \$460.00

CARPENTRY - Lane County

(Course Location: Lane Community College)

CARPENTRY LEVEL 1: FUNDAMENTALS

Carpentry Fundamentals Level 1 is the third term of a 144-hour course that meets the annual requirement of related training for registered apprentices, offered over three 12-week terms and is comprised of several individual course modules. Textbooks: Core Curriculum and Carpentry Fundamentals, published by Prentice Hall, are used for the entire course of study (1st year of apprenticeship). Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

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Carpentry Level 1: Fundamentals Full Term**Course/Module Title: Carpentry Level 1 Full Term**

Topics Covered: Roof Framing * Windows and Exterior Doors * Basic Stair Layout

CRN #27100S08L Module #00

Day/Date: W 4/9-6/25 5:30 PM-9:30 PM LOCATION: Lane C.C., Room Bldg. 16

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$75.00 TOTAL: \$580.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$107.00 TOTAL: \$661.00

CARPENTRY LEVEL 2: FRAMING AND FINISHING

Carpentry Level 2 is the third term of a 144-hour course offered over three 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. Textbook: Carpentry Finishing & Framing, published by Prentice Hall, is used for the entire course of study. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

Carpentry Level 2: Framing and Finishing Full Term**Course/Module Title: Carpentry Level 2 Full Term**

Topics Covered: Window, Door, Floor and Ceiling Trim * Exterior Finish * Roofing Applications

CRN #27200S08L Module #00

Day/Date: W 4/9-6/25 5:30 PM-9:30 PM LOCATION: Lane C.C., Room Bldg. 16

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$112.00 TOTAL: \$617.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$160.00 TOTAL: \$714.00

CARPENTRY LEVEL 3

Carpentry Level 3 is the third term of a 144-hour course offered over three 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. Textbook: Carpentry Level 3, published by Prentice Hall, is used the entire course of study. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

Carpentry Level 3 Full Term**Course/Module Title: Carpentry Level 3 Full Term**

Topics Covered: Interior Finish One: Doors * Interior Finish Three: Window, Door, Floor and Ceiling Trim
* Interior Finish Four: Cabinet Installation

CRN #27300S08L Module #00

Day/Date: T & Th 4/8-6/26 6:00 PM-8:00 PM LOCATION: Lane C.C., Room Bldg. 16

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$112.00 TOTAL: \$617.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$160.00 TOTAL: \$714.00

CARPENTRY LEVEL 4

Carpentry Level 4 (generally year-4 in an apprenticeship program) is the third term of a 144-hour course offered over three 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. This Textbook: Carpentry Level 4, published by Prentice Hall, is used the entire course of study. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

Carpentry Level 4 Full Term**Course/Module Title: Carpentry Level 4 Full Term**

Topics Covered: Site Layout Two: Angular Measurement * Introduction to Light Equipment
* Introductory Skills for the Crew Leader

CRN #27400S08L Module #00

Day/Date: T & Th 4/8-6/26 6:00 PM-8:00 PM LOCATION: Lane C.C., Room Bldg. 16

MEMBER: TUITION: \$456.00 LAB FEE: \$29.00 BOOKS: \$112.00 TOTAL: \$597.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$58.00 BOOKS: \$160.00 TOTAL: \$674.00

BUILDING ENVELOPE**BUILDING ENVELOPE**

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.

BE501 Building Envelope**Course/Module Title: Installation Windows and Doors**

CRN #49000S081 Module #00

Day/Date: F 4/4 & S 4/5 7:30 AM - 4:30 PM LOCATION: NWCC

MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$25.00 TOTAL: \$266.00

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$66.00 BOOKS: \$35.00 TOTAL: \$309.00

CRN #49000S082 Module #00

Day/Date: F 5/2 & S 5/3 7:30 AM - 4:30 PM LOCATION: NWCC

MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$25.00 TOTAL: \$266.00

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$66.00 BOOKS: \$35.00 TOTAL: \$309.00

CRN #49000S083 Module #00

Day/Date: F 5/23 & S 5/24 7:30 AM - 4:30 PM LOCATION: NWCC

MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$25.00 TOTAL: \$266.00

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$66.00 BOOKS: \$35.00 TOTAL: \$309.00

CRN #49000S084 Module #00

Day/Date: F 6/13 & S 6/14 7:30 AM - 4:30 PM LOCATION: NWCC

MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$25.00 TOTAL: \$266.00

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$66.00 BOOKS: \$35.00 TOTAL: \$309.00

EROSION CONTROL**EROSION CONTROL**

In this course participants will be introduced to Laws and Regulations, Erosion and Sediment Control, and Site Mitigation Techniques regarding erosion control. Class is taught by a Professional Engineer with years of experience in Erosion Control and an extensive background in erosion control, as well as Construction Management, Project Planning, and Collection Systems.

EC501 Erosion Control**Course/Module Title: Erosion Control**

CRN #66000S081 Module #00

Day/Date: S 4/19 8:00 AM - 3:30 PM LOCATION: NWCC

MEMBER: TUITION: \$133.00 LAB FEE: \$0.00 BOOKS: \$12.00 TOTAL: \$145.00

NON-MEMBER: TUITION: \$133.00 LAB FEE: \$0.00 BOOKS: \$16.00 TOTAL: \$149.00

CRN #66000S082 Module #00

Day/Date: S 5/17 8:00 AM - 3:30 PM LOCATION: NWCC

MEMBER: TUITION: \$133.00 LAB FEE: \$0.00 BOOKS: \$12.00 TOTAL: \$145.00

NON-MEMBER: TUITION: \$133.00 LAB FEE: \$0.00 BOOKS: \$16.00 TOTAL: \$149.00

CONCRETE FINISHING**CONCRETE FINISHING LEVEL 1**

Concrete Finishing Level 1 is a 144-hour course divided into four, 1-week modules offered over a period of 5-months. Students who complete all 4-weeks satisfy the annual apprenticeship requirement for related training. This course may be taken as a whole (required of apprentices and best value), or by the week. See "Concrete Finishing, Weekly Course Schedule" below. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

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**CF104 Concrete Finishing****Course/Module Title: Concrete Finishing Level 1**

Topics Covered: Finishing, Part One * Curing and Protecting Concrete * Intro. to Troubleshooting

CRN #23100S084 Module #00

Day/Date: M-Th 4/7-4/10 7:30 AM - 5:00 PM LOCATION: NWCC, Room 106

MEMBER: TUITION: \$468.00 LAB FEE: \$37.00 BOOKS: \$75.00 TOTAL: \$580.00

NON-MEMBER: TUITION: \$468.00 LAB FEE: \$74.00 BOOKS: \$107.00 TOTAL: \$649.00

CONCRETE FINISHING LEVEL 2

Concrete Finishing Level 2 is a 144-hour course divided into four, 1-week modules offered over a period of 5-months. Students who complete all 4-weeks satisfy the annual apprenticeship requirement for related training. This course may be taken as a whole (required of apprentices and best value), or by the week. See "Concrete Finishing, Weekly Course Schedule" below. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

CF204 Concrete Finishing**Course/Module Title: Concrete Finishing Level 2**

Topics Covered: Properties of Concrete * Estimating Concrete Quantities

CRN #23200S084 Module #00

Day/Date: M-Th 4/7-4/10 7:30 AM - 5:00 PM LOCATION: NWCC, Room 106

MEMBER: TUITION: \$468.00 LAB FEE: \$37.00 BOOKS: \$112.00 TOTAL: \$617.00

NON-MEMBER: TUITION: \$468.00 LAB FEE: \$74.00 BOOKS: \$160.00 TOTAL: \$702.00

CONCRETE FINISHING LEVEL 3

Concrete Finishing Level 3 is a 144-hour course divided into four, 1-week modules offered over a period of 5-months. Students who complete all 4-weeks satisfy the annual apprenticeship requirement for related training. This course may be taken as a whole (required of apprentices and best value), or by the week. See "Concrete Finishing, Weekly Course Schedule" below. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

CF304 Concrete Finishing**Course/Module Title: Concrete Finishing Level 3**

Topics Covered: Making Repairs * Introductory Skills for the Crew Leader

CRN #23300S084 Module #00

Day/Date: M-Th 4/21-4/24 7:30 AM - 5:00 PM LOCATION: NWCC, Room 106

MEMBER: TUITION: \$468.00 LAB FEE: \$37.00 BOOKS: \$112.00 TOTAL: \$617.00

NON-MEMBER: TUITION: \$468.00 LAB FEE: \$74.00 BOOKS: \$160.00 TOTAL: \$702.00

CONSTRUCTION CRAFT LABORERS

CONSTRUCTION CRAFT LABORERS LEVEL 1

Construction Craft Laborers Level 1 is the third term of a 144-hour course that meets the annual requirement of related training for registered apprentices, offered over three 12-week terms and is comprised of several individual course modules. The course is designed for students with little or no construction background or as a review of basic subjects for those working in the industry or with some previous construction related training or education. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

CCL103 Construction Craft Laborers Level 1**Course/Module Title: Construction Craft Laborers Level 1**

CRN #35100S08 Module #00

Day/Date: T 4/8-6/24 6:00 PM-10:00 PM LOCATION: NWCC, Room 203

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$84.00 TOTAL: \$589.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$120.00 TOTAL: \$674.00

CONSTRUCTION CRAFT LABORERS LEVEL 2

Construction Craft Laborers Level 2 is the third term of a 144-hour course that meets the annual requirement of related training for registered apprentices, offered over three, 12-week terms and is comprised of several individual course modules. Modules may be taken consecutively, or independently, provided all the pre-requisites are met. Tuition, book, and lab fees are paid for registered apprentices by the apprenticeship committee.

CCL203 Construction Craft Laborers Level 2**Course/Module Title: Construction Craft Laborers Level 2**

CRN #35200S08 Module #00

Day/Date: M 4/7-6/23 6:00 PM-10:00 PM LOCATION: NWCC, Room 203

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$75.00 TOTAL: \$580.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$107.00 TOTAL: \$661.00

HEATING, VENTILATION, AIR CONDITIONING (HVAC)

HVAC LEVEL 1

HVAC Level 1 is the third term of the first year of a four year program and meets the standards of apprenticeship. The term is comprised of several Modules. The entire term is required of registered apprentices, however, individual Modules may be taken by others for professional development, provided all the pre-requisites are met. Textbooks: HVAC Level 1, published by Prentice Hall, is used for the entire course of study.

HVAC103 HVAC Level 1 Full Term**Course/Module Title: See Module titles below**

CRN #03100S08 Module #00

Day/Date: M 4/7-6/23 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$75.00 TOTAL: \$580.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$107.00 TOTAL: \$661.00

No class Monday, May 26. Class will meet Friday, May 30.

HVAC Level 1 By Module**Course/Module Title: Introduction to Cooling**

CRN #03108S08 Module #03108

Day/Date: M 4/7-5/19 & F 5/30 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$416.00 LAB FEE: \$33.00 BOOKS: \$75.00 TOTAL: \$524.00

NON-MEMBER: TUITION: \$416.00 LAB FEE: \$66.00 BOOKS: \$107.00 TOTAL: \$589.00

Course/Module Title: Introduction to Heating

CRN #03109S08 Module #03100

Day/Date: M 6/2-6/23 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$75.00 TOTAL: \$299.50

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$107.00 TOTAL: \$348.00

HVAC LEVEL 2

HVAC Level 2 is the third term of the first year of a four year program and meets the standards of apprenticeship. The term is comprised of several Modules. The entire term is required of registered apprentices, however, individual Modules may be taken by others for professional development, provided all the pre-requisites are met. Textbooks: HVAC Level 2, published by Prentice Hall, is used for the entire course of study.

HVAC203 HVAC Level 2 Full Term**Course/Module Title: See Module titles below**

CRN #03200S08 Module #00

Day/Date: T 4/8-6/24 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$112.00 TOTAL: \$617.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$160.00 TOTAL: \$714.00

HVAC Level 2 By Module**Course/Module Title: Metering Devices**

CRN #03209S08 Module #03209

Day/Date: T 4/8-4/15 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$104.00 LAB FEE: \$8.00 BOOKS: \$112.00 TOTAL: \$224.00

NON-MEMBER: TUITION: \$104.00 LAB FEE: \$16.00 BOOKS: \$160.00 TOTAL: \$280.00

Course/Module Title: Compressors

CRN #03210S08 Module #03210

Day/Date: T 4/22-5/6 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$156.00 LAB FEE: \$12.00 BOOKS: \$112.00 TOTAL: \$280.00

NON-MEMBER: TUITION: \$156.00 LAB FEE: \$24.00 BOOKS: \$160.00 TOTAL: \$340.00

Course/Module Title: Heat Pumps

CRN #03211S08 Module #03211

Day/Date: T 5/13-5/27 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$156.00 LAB FEE: \$12.00 BOOKS: \$112.00 TOTAL: \$280.00

NON-MEMBER: TUITION: \$156.00 LAB FEE: \$24.00 BOOKS: \$160.00 TOTAL: \$340.00

Course/Module Title: Leak Detection, Evacuation, Recovery, and Charging

CRN #03212S08 Module #03212

Day/Date: T 6/3-6/24 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$112.00 TOTAL: \$336.50

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$160.00 TOTAL: \$401.00

HVAC LEVEL 3

HVAC Level 3 is the third term of the third year of a four year program and meets the standards of apprenticeship. The term is comprised of several Modules. The entire term is required of registered apprentices, however, individual Modules may be taken by others for professional development, provided all the pre-requisites are met. Textbooks: HVAC Level 3, published by Prentice Hall, are used for the entire course of study.

HVAC302 HVAC Level 3 Full Term**Course/Module Title: See Module titles below**

CRN #03300S08 Module #00

Day/Date: W 4/9-6/25 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$112.00 TOTAL: \$617.00

NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$160.00 TOTAL: \$714.00

HVAC Level 3 By Module**Course/Module Title: Hydronic Heating and Cooling Systems**

CRN #03309S08 Module #03309

Day/Date: W 4/9-4/30 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$112.00 TOTAL: \$336.50

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$160.00 TOTAL: \$401.00

Course/Module Title: Airside Systems

CRN #03310S08 Module #03310

Day/Date: W 5/7-5/28 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$112.00 TOTAL: \$336.50

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$160.00 TOTAL: \$401.00

Course/Module Title: Air Properties and Air System Balancing

CRN #03311S08 Module #03311

Day/Date: W 6/4-6/25 6:00 PM-10:00 PM LOCATION: NWCC, Room 107

MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$112.00 TOTAL: \$336.50

NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$160.00 TOTAL: \$401.00

HVAC LEVEL 4

HVAC Level 4 is the third term of the fourth year of a four year program and meets the standards of apprenticeship. The term is comprised of several modules. The entire term is required of registered apprentices, however, individual Modules may be taken by others for professional development, provided all the pre-requisites are met. Please see schedule below. Textbooks: HVAC Level4, published by Prentice Hall, are used for the entire course of study.



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HVAC403 HVAC Level 4 Full Term

Course/Module Title: See Module titles below
 CRN #03400S08 Module #00
 Day/Date: Th 4/10-6/26 6:00 PM-10:00 PM LOCATION: NWCC, Room 107
MEMBER: TUITION: \$456.00 LAB FEE: \$40.00 BOOKS: \$112.00 TOTAL: \$608.00
NON-MEMBER: TUITION: \$456.00 LAB FEE: \$80.00 BOOKS: \$160.00 TOTAL: \$696.00

HVAC Level 4 By Module

Course/Module Title: Heating and Cooling System Design
 CRN #03407S08 Module #03407
 Day/Date: Th 4/10-5/8 6:00 PM-10:00 PM LOCATION: NWCC, Room 107
MEMBER: TUITION: \$260.00 LAB FEE: \$20.00 BOOKS: \$112.00 TOTAL: \$392.00
NON-MEMBER: TUITION: \$260.00 LAB FEE: \$40.00 BOOKS: \$160.00 TOTAL: \$460.00

Course/Module Title: Commercial and Industrial Refrigeration
 CRN #03408S08 Module #03408
 Day/Date: Th 5/15-6/12 6:00 PM-10:00 PM LOCATION: NWCC, Room 107
MEMBER: TUITION: \$260.00 LAB FEE: \$20.00 BOOKS: \$112.00 TOTAL: \$392.00
NON-MEMBER: TUITION: \$260.00 LAB FEE: \$40.00 BOOKS: \$160.00 TOTAL: \$460.00

Course/Module Title: Limited Energy Class B license exam prep.
 CRN #NECS08 Module #NEC8
 Day/Date: Th 6/19-6/26 6:00 PM-10:00 PM LOCATION: NWCC, Room 107
MEMBER: TUITION: \$104.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$104.00
NON-MEMBER: TUITION: \$104.00 LAB FEE: \$0.00 BOOKS: \$0.00 TOTAL: \$104.00

HEAVY EQUIPMENT OPERATORS

Heavy Equipment Operators training will resume Fall of 2008. NWCC Fall Schedule will be available on campus, and on-line, July 2008.

BOOM TRUCK TRAINING

BOOM TRUCK TRAINING AND CERTIFICATION

This two-day, hands-on, course will train participants in the safe and efficient use of Boom Trucks. Successful participants will receive a certification from Ives & Associates. Class C.D.L. preparation is included.

Boom Truck Training and Certification

Course/Module Title: Boom Truck Training and Certification
 Topics Covered: Understanding Regulations * Types of Boom Trucks * Boom Truck Limitations * Safe Operation and more.

CRN #65100S081 Module #00
 Day/Date: F 2/22 & S 2/23 8:00 AM - 4:30 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$149.00 LAB FEE: \$120.00 BOOKS: \$39.00 TOTAL: \$308.00
NON-MEMBER: TUITION: \$149.00 LAB FEE: \$240.00 BOOKS: \$56.00 TOTAL: \$445.00

CRN #65100S082 Module #00
 Day/Date: F 5/16 & S 5/17 8:00 AM - 4:30 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$149.00 LAB FEE: \$120.00 BOOKS: \$39.00 TOTAL: \$308.00
NON-MEMBER: TUITION: \$149.00 LAB FEE: \$240.00 BOOKS: \$56.00 TOTAL: \$445.00

MASONRY

MASONRY LEVEL 3

Masonry Level 3 is a 144-hour course divided into four, 1-week modules offered over a period of 5-months. Students who complete all 4-weeks satisfy the annual apprenticeship requirement for related training. This course may be taken as a whole (required of apprentices and best value), or by the week. See weekly schedule below for specific topics covered each week.

M303 Masonry Level 3

Course/Module Title: Masonry Level 2
 Topics Covered: Commercial Drawings * Estimating

CRN #28300W083 Module #00
 Day/Date: M-Th 3/3-3/6 7:30 AM - 5:00 PM LOCATION: NWCC, Room 203
MEMBER: TUITION: \$468.00 LAB FEE: \$37.00 BOOKS: \$112.00 TOTAL: \$617.00
NON-MEMBER: TUITION: \$468.00 LAB FEE: \$74.00 BOOKS: \$160.00 TOTAL: \$702.00

M304 Masonry Level 3

Course/Module Title: Masonry Level 2
 Topics Covered: Site Layout - Distance Measurement & Leveling * Introductory Skills for the Crew Leader

CRN #28300S084 Module #00
 Day/Date: M-Th 4/14-4/17 7:30 AM - 5:00 PM LOCATION: NWCC, Room 203
MEMBER: TUITION: \$468.00 LAB FEE: \$37.00 BOOKS: \$112.00 TOTAL: \$617.00
NON-MEMBER: TUITION: \$468.00 LAB FEE: \$74.00 BOOKS: \$160.00 TOTAL: \$702.00

PIPELAYING

PIPELAYING LEVEL 1

Pipelaying Level 1 is designed for utility installation professionals and construction Craft Laborers in the craft of Pipelaying. Instruction is provided by a Pipe Crew Foreman currently employed in the field. New technologies and best practices are considered and explored.

PL101 Pipelaying Level 1

Course/Module Title: Pipelaying Level 1
 Topics Covered: Job Site Safety * Tools and Equipment * Rigging and Delivering Pipe * Cutting Pipe * Gaskets, Joints, and Fittings * Introduction to Elevations * Trench Safety * Foundation Stabilization, Bedding, and Dewatering * Testing Pipe

CRN #24100W08 Module #00
 Day/Date: M 4/7-6/25 6:00 PM-10:00 PM LOCATION: NWCC, Room 201
MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$75.00 TOTAL: \$580.00
NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$107.00 TOTAL: \$661.00
 Note: No class Monday, May 26. Class will meet Tuesday, May 27.

ROOFING TECHNOLOGY

RESIDENTIAL ROOFING

Residential Roofing Level is a 60-hour course offered over three weekends, once a month, for three months. Curriculum is comprised of select modules from the National Center for Construction Education and Research (NCCER), as well as the National Roofing Contractors Association. Courses are taught by certified instructors who are veteran roofers. This course may be taken as a whole, or by the week.

RT102 Residential Roofing

Course/Module Title: Residential Roofing
 Topics Covered: * Introduction to Safety * Overview of Steep Slope Roofing * Job Set-up, Tear Off & Equipment for Steep Slope Roofing * Application of Asphalt Shingles

CRN #60100RS082 Module #00
 Day/Date: Th 3/13 12:00 PM-6:00 PM & F 3/14 8:00 AM-4:30 PM & S 3/15 8:00 AM-2:30 PM LOCATION: NWCC, Room TBD
MEMBER: TUITION: \$190.00 LAB FEE: \$35.00 BOOKS: \$42.00 TOTAL: \$267.00
NON-MEMBER: TUITION: \$190.00 LAB FEE: \$70.00 BOOKS: \$60.00 TOTAL: \$320.00



Heavy Civil • Transportation/Bridges • Water/Wastewater Treatment • Reservoirs/Fisheries • Parks/Recreation



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Slayden Construction would like to thank NWCC for their community dedication and trades support!

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**RT103 Residential Roofing****Course/Module Title: Residential Roofing**

Topics Covered: * Steep Slope Roofing Safety * Shake Roofing Application * Tile Roofing Application

CRN #60100RS082 Module #00
Day/Date: Th 4/10 12:00 PM-6:00 PM & F 4/11 8:00 AM-4:30 PM & S 4/12 8:00 AM-2:30 PM LOCATION: NWCC, Room TBD
MEMBER: TUITION: \$190.00 LAB FEE: \$35.00 BOOKS: \$73.50 TOTAL: \$298.50
NON-MEMBER: TUITION: \$190.00 LAB FEE: \$70.00 BOOKS: \$105.00 TOTAL: \$365.00

COMMERCIAL ROOFING

Commercial Roofing is a 60-hour course offered over three weekends, once a month, for three months. Curriculum is comprised of select modules from the National Center for Construction Education and Research (NCCER), as well as the National Roofing Contractors Association. Courses are taught by certified instructors who are veteran roofers. This course may be taken as a whole, or by the week.

RT202 Commerical Roofing**Course/Module Title: Commerical Roofing**

Topics Covered: * Introduction to Safety * Overview of Steep Slope Roofing
* Job Set-up, Tear Off & Equipment for Steep Slope Roofing * Application of Asphalt Shingles

CRN #60100CS082 Module #00
Day/Date: Th 3/20 12:00 PM-6:00 PM & F 3/21 8:00 AM-4:30 PM & S 3/22 8:00 AM-2:30 PM LOCATION: NWCC, Room TBD
MEMBER: TUITION: \$190.00 LAB FEE: \$35.00 BOOKS: \$73.00 TOTAL: \$298.00
NON-MEMBER: TUITION: \$190.00 LAB FEE: \$70.00 BOOKS: \$104.00 TOTAL: \$364.00

RT203 Commerical Roofing**Course/Module Title: Commerical Roofing**

Topics Covered: * Roof Construction & Estimating * Roof-mounted Outdoor Air-conditioner Installations
* Metal Roof Systems

CRN #60100CS082 Module #00
Day/Date: Th 4/17 12:00 PM-6:00 PM & F 4/18 8:00 AM-4:30 PM & S 4/19 8:00 AM-2:30 PM LOCATION: NWCC, Room TBD
MEMBER: TUITION: \$190.00 LAB FEE: \$35.00 BOOKS: \$73.00 TOTAL: \$298.00
NON-MEMBER: TUITION: \$190.00 LAB FEE: \$70.00 BOOKS: \$104.00 TOTAL: \$364.00

SHEET METAL**SHEET METAL LEVEL 1**

The spring term of Sheet Metal Level 1 is the third term of the first year of a four year program. The term is comprised of several modules and combines Sheet Metal curriculum and various Modules from the NCCER Core Curriculum. The entire term is required of registered apprentices, however, individual modules may be taken by others for professional development, provided all the pre-requisites are met. Textbooks: Sheet Metal Level 1, published by Prentice Hall is used for the spring terms.

SM103 Sheet Metal Level 1 Full Term**Course/Module Title: See Module titles below**

CRN #04100S08 Module #00
Day/Date: M 4/7-6/23 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$541.50 LAB FEE: \$59.00 BOOKS: \$75.00 TOTAL: \$675.50
NON-MEMBER: TUITION: \$541.50 LAB FEE: \$118.00 BOOKS: \$107.00 TOTAL: \$766.50

Class will meet one Saturday, May 10
Note: No class Monday, May 26. Class will meet Friday, January 30.

Sheet Metal Level 1 By Module**Course/Module Title: Intro. to Sheet Metal Layout and Processes**

CRN #04106S08 Module #04106
Day/Date: M 4/7-5/5 5:30 PM-10:00 PM & S 5/10 8:00 AM-11:00 AM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$331.50 LAB FEE: \$27.00 BOOKS: \$75.00 TOTAL: \$433.50
NON-MEMBER: TUITION: \$331.50 LAB FEE: \$54.00 BOOKS: \$107.00 TOTAL: \$492.50

Class will meet one Saturday, May 10

Course/Module Title: Fabrication One-Parallel Line Development

CRN #04108S08 Module #04108
Day/Date: M 5/12-5/19 5:30 PM-10:00 PM & F 5/30 5:30 PM-10:00PM & M 6/2-6/23 5:30 PM - 10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$409.50 LAB FEE: \$32.00 BOOKS: \$75.00 TOTAL: \$516.50
NON-MEMBER: TUITION: \$409.50 LAB FEE: \$64.00 BOOKS: \$107.00 TOTAL: \$580.50

Class will meet one Saturday, May 10
No class Monday, May 26. Class will meet Friday, May 30.

SHEET METAL LEVEL 2

The spring term of Sheet Metal Level 2 is the third term of the second year of a four year program. The term is comprised of several Modules within a prescribed pathway from the National Center for construction Education and Research. The entire term is required of registered apprentices, however, individual Modules may be taken by others for professional development, and may be utilized in the process of Career Development, provided all the pre-requisites are met. Please see schedule below. Textbooks: Sheet Metal Level 2, published by Prentice Hall, is used for the fall, winter, and spring terms.

SM203 Sheet Metal Level 2 Full Term**Course/Module Title: See Module titles below**

CRN #04200S08 Module #00
Day/Date: T 4/8-6/24 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$541.50 LAB FEE: \$59.00 BOOKS: \$112.00 TOTAL: \$712.50
NON-MEMBER: TUITION: \$541.50 LAB FEE: \$118.00 BOOKS: \$160.00 TOTAL: \$819.50

Note: Class will meet one Saturday, May 17.

Sheet Metal Level 2 By Module**Course/Module Title: Air Properties and Distribution**

CRN #04206S08 Module #04206
Day/Date: T 4/8-4/22 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$175.50 LAB FEE: \$14.00 BOOKS: \$112.00 TOTAL: \$301.50
NON-MEMBER: TUITION: \$175.50 LAB FEE: \$28.00 BOOKS: \$160.00 TOTAL: \$363.50

Course/Module Title: Sheet Metal Duct Fabrication Standards

CRN #04207S08 Module #04207
Day/Date: T 4/29-5/6 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$40.50 LAB FEE: \$9.00 BOOKS: \$112.00 TOTAL: \$161.50
NON-MEMBER: TUITION: \$40.50 LAB FEE: \$18.00 BOOKS: \$160.00 TOTAL: \$218.50

Course/Module Title: Soldering

CRN #04208S08 Module #04208
Day/Date: T 5/13-5/27 5:30 PM-10:00 PM & S 5/17 8:00 AM - 11:00 AM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$214.50 LAB FEE: \$7.50 BOOKS: \$112.00 TOTAL: \$334.00
NON-MEMBER: TUITION: \$214.50 LAB FEE: \$15.00 BOOKS: \$160.00 TOTAL: \$389.50

Note: Class will meet one Saturday, May 17

Course/Module Title: Fiberglass Duct

CRN #04209S08 Module #04209
Day/Date: T 6/3-6/24 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$234.00 LAB FEE: \$18.50 BOOKS: \$112.00 TOTAL: \$364.50
NON-MEMBER: TUITION: \$234.00 LAB FEE: \$37.00 BOOKS: \$160.00 TOTAL: \$431.00

SHEET METAL LEVEL 3

The spring term of Sheet Metal Level 3 is the third term of the third year of a four year program. The term is comprised of several Modules within a prescribed pathway from the National Center for construction Education and Research. The entire term is required of registered apprentices, however, individual Modules may be taken by others for professional development, and may be utilized in the process of Career Development, provided all the pre-requisites are met. Please see schedule below. Textbooks: Sheet Metal Level 3, published by Prentice Hall, is used for the fall, winter, and spring terms.

SM303 Sheet Metal Level 3 Full Term**Course/Module Title: See Module titles below**

CRN #04300S08 Module #00
Day/Date: W 4/9-6/25 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$541.50 LAB FEE: \$59.00 BOOKS: \$112.00 TOTAL: \$712.50
NON-MEMBER: TUITION: \$541.50 LAB FEE: \$118.00 BOOKS: \$160.00 TOTAL: \$819.50

Note: Class will meet one Saturday, May 31

Sheet Metal Level 3 By Module**Course/Module Title: Fabrication Three: Triangulation**

CRN #04307S08 Module #04307
Day/Date: W 4/9-6/4 5:30 PM-10:00 PM & S 5/31 8:00 AM - 11:00 AM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$565.50 LAB FEE: \$45.00 BOOKS: \$112.00 TOTAL: \$722.50
NON-MEMBER: TUITION: \$565.50 LAB FEE: \$90.00 BOOKS: \$160.00 TOTAL: \$815.50

Note: Class will meet one Saturday, May 31

Course/Module Title: Architectural Sheet Metal

CRN #04308S08 Module #04308
Day/Date: W 6/11-6/25 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$175.50 LAB FEE: \$14.00 BOOKS: \$112.00 TOTAL: \$301.50
NON-MEMBER: TUITION: \$175.50 LAB FEE: \$28.00 BOOKS: \$160.00 TOTAL: \$363.50

SHEET METAL LEVEL 4

Sheet Metal Level 4 is the third term of the fourth year of a four year program. The term is comprised of several Modules within a prescribed pathway from the National Center for construction Education and Research. The entire term is required of registered apprentices, however, individual Modules may be taken by others for professional development, and may be utilized in the process of Career Development, provided all the pre-requisites are met. Please see schedule below. Textbooks: Sheet Metal Level 4, published by Prentice Hall, is used for the fall, winter, and spring terms.

SM403 Sheet Metal Level 4 Full Term**Course/Module Title: See Module titles below**

CRN #04400W08 Module #00
Day/Date: Th 4/10-6/26 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$541.50 LAB FEE: \$41.00 BOOKS: \$112.00 TOTAL: \$694.50
NON-MEMBER: TUITION: \$541.50 LAB FEE: \$82.00 BOOKS: \$160.00 TOTAL: \$783.50

Note: Class will meet one Saturday, May 24

Sheet Metal Level 4 By Module**Course/Module Title: Fabrication Four: Comprehensive Review**

CRN #04405-03 Module #04405
Day/Date: Th 4/10-5/29 5:30 PM-10:00 PM & S 5/24 8:00 AM - 11:00 AM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$507.00 LAB FEE: \$41.00 BOOKS: \$112.00 TOTAL: \$660.00
NON-MEMBER: TUITION: \$507.00 LAB FEE: \$82.00 BOOKS: \$160.00 TOTAL: \$749.00

Note: Class will meet one Saturday, May 24

Course/Module Title: Introductory Skills for the Crew Leader

CRN #04406S08 Module #04406
Day/Date: Th 6/5-6/26 5:30 PM-10:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$234.00 LAB FEE: \$0.00 BOOKS: \$112.00 TOTAL: \$346.00
NON-MEMBER: TUITION: \$234.00 LAB FEE: \$0.00 BOOKS: \$160.00 TOTAL: \$394.00

TILE FINISHING**TILE FINISHING**

The spring term of Tile Finishing is the third term of a one year program. The third term consists of modules seven through nine, as well as a make up of module one. The entire program consists of nine Modules. This program has been approved and endorsed by the National Tile Contractors Association. The curriculum is comprised of several sources including OSHA, the National Center for Construction Education and Research, the National Tile Contractors Association, and the book Setting Tile by Michael Byrne. Modules may be taken independently for purposes of professional development, and may be utilized in the process of Career Development, provided all the pre-requisites are met.

TF 103 Tile Finishing Full Term**Course/Module Title: See Module titles below**

CRN #63100S08 Module #00
Day/Date: F & S 4/4-4/5 & 5/2-5/3 & 6/6-6/7 & F 7/11 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$532.00 LAB FEE: \$55.00 BOOKS: \$93.00 TOTAL: \$680.00
NON-MEMBER: TUITION: \$532.00 LAB FEE: \$110.00 BOOKS: \$133.00 TOTAL: \$775.00

Tile Finishing By Module**Course/Module Title: Introduction to Blueprints & Floor Installations**

CRN #63S087 Module #TF7
Day/Date: F & S 4/4-4/5 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$75.00 TOTAL: \$299.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$107.00 TOTAL: \$348.00

Course/Module Title: Wall Installations & Countertop Installations

CRN #63S088 Module #TF8
Day/Date: F & S 5/2-5/3 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$18.00 TOTAL: \$242.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$26.00 TOTAL: \$267.00

Course/Module Title: "Advanced Topics/New Technologies"

CRN #63S089 Module #TF9
Day/Date: F & S 6/6-6/7 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$0.00 TOTAL: \$224.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$0.00 TOTAL: \$241.00

Course/Module Title: Basic Communication Skills, Basic Employability Skills

CRN #63S081 Module #TF1
Day/Date: F & S 7/11 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$104.00 LAB FEE: \$0.00 BOOKS: \$75.00 TOTAL: \$179.00
NON-MEMBER: TUITION: \$104.00 LAB FEE: \$0.00 BOOKS: \$107.00 TOTAL: \$211.00

TILE SETTING**TILE SETTING LEVEL 1**

The third term of Tile Setting level 1 is the first year of a three year program designed to give participants a working knowledge of the art and science of Tile Setting. The third term consists of modules seven through nine. The entire program consists of nine Modules. This program has been approved and endorsed by the National Tile Contractors Association. Modules may be taken independently for purposes of professional development, and may be utilized in the process of Career Development, provided all the pre-requisites are met. Textbooks: Craft Training for the Tile Professional-Apprentice 1 (CTTP), Craft Training for the Tile Professional-Apprentice 1a (CTTP).

TS103 Tile Setting Level 1 Full Term**Course/Module Title: See Module titles below**

CRN #64100S08 Module #00
Day/Date: F & S 5/16-5/17 & 6/20-6/21 & 7/25-7/26 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$43.00 TOTAL: \$548.00
NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$62.00 TOTAL: \$616.00



Tile Setting Level 1 By Module

Course/Module Title: Reading the MSDS, Material Handling, Ceramic Tile Finishes Sizes and Shapes, Material Handling, Dryset or Latex-Portland Cement, Mortar Over Cementitious Backer Unit on Wood or, Metal Studs, Bathroom Walls, Cementitious Backer, Units over Wood or Metal Studs, Shower

CRN #64S0817 Module #TS1-7
 Day/Date: F & S 5/16-5/17 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

Course/Module Title: Product Identification and Application, Tools Used by the Tilesetter, Spoken Communication, Wood Subfloors, Organic Adhesive and Epoxy Adhesive over Plywood on Countertops, Cementitious Backer Units over Wood Base on Countertops

CRN #64S0818 Module #TS1-8
 Day/Date: F & S 6/20-6/21 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

Course/Module Title: Basic Math, Basic Layout, Organic Adhesive over, Wood Subfloors, Interior Residential Traffic, Epoxy Mortar and Grout over Concrete Subfloors

CRN #64S0819 Module #TS1-9
 Day/Date: F & S 7/25-7/26 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

TILE SETTING LEVEL 2

The third term of Tile Setting level 2 is the second year of a three year program designed to give participants a working knowledge of the art and science of Tile Setting. The third term consists of modules seven through nine. This program has been approved and endorsed by the National Tile Contractors Association. Modules may be taken independently for purposes of professional development, and may be utilized in the process of Career Development, provided all the pre-requisites are met. Textbooks: Craft Training for the Tile Professional-Apprentice 2 (CTTP), Craft Training for the Tile Professional-Apprentice 2a (CTTP).

TS203 Tile Setting Level 2 Full Term

Course/Module Title: See Module titles below

CRN #64200S08 Module #00
 Day/Date: F & S 4/4-4/5 & 5/2-5/3 & 6/6-6/7 8:00 AM-4:30 PM & 7/11-7/12 8:00 AM - 4:30 PM
 LOCATION: NWCC, Room 106
MEMBER: TUITION: \$608.00 LAB FEE: \$66.00 BOOKS: \$43.00 TOTAL: \$717.00
NON-MEMBER: TUITION: \$608.00 LAB FEE: \$132.00 BOOKS: \$62.00 TOTAL: \$802.00

Tile Setting Level 2 By Module

Course/Module Title: Reading MSDS, Effective Communication: Clear and, Accurate Writing, Dryset Mortar Bonded over Concrete, Subfloor with Epoxy or Furan Grout, Floors Interior, Cement Mortar Bonded over Concrete or Wood Subfloor with Waterproof Membrane, Floors Interior

CRN #64S0827 Module #TS2-7
 Day/Date: F & S 4/4-4/5 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

Course/Module Title: Nonverbal Communications, Basic Math, Epoxy Mortar and Grout over Mortar Bed, Cement Mortar over Cleavage Membrane, Floors Interior

CRN #64S0828 Module #TS2-8
 Day/Date: F & S 5/2-5/3 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

Course/Module Title: Trim Shape Review, Construction Specifications, Ceramic Tile over Existing Ceramic Tile, Floors Interior, Ceramic Tile over Existing Ceramic Tile, Walls Interior

CRN #63S0829 Module #TS2-9
 Day/Date: F & S 6/6-6/7 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

Course/Module Title: Responsibilities of the Apprentice Tilesetter, Material Safety Data Sheets: The Basics, Reading and Understanding Material, Safety Data Sheets, Cement Mortar OVER Wood Subfloor, Floors Interior, Cement Mortar Bonded over Concrete Slab, Floors Exterior.

CRN #63S0821 Module #TS2-1
 Day/Date: F & S 7/11-7/12 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

TILE SETTING LEVEL 3

The third term of Tile Setting level 3 is the third year of a three year program designed to give participants a working knowledge of the art and science of Tile Setting. The third term consists of modules seven through nine. This program has been approved and endorsed by the National Tile Contractors Association. Modules may be taken independently for purposes of professional development, and may be utilized in the process of Career Development, provided all the pre-requisites are met. Textbooks: Craft Training for the Tile Professional-Apprentice 2 (CTTP), Used for Modules one through five; Craft Training for the Tile Professional-Apprentice 2a (CTTP), used for Modules six through nine.

TS 303 Tile Setting Level 3 Full Term

Course/Module Title: See Module titles below

CRN #64200W08 Module #00
 Day/Date: F & S 4/18-4/19 & 5/16-5/17 & 6/20-6/21 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$456.00 LAB FEE: \$49.00 BOOKS: \$43.00 TOTAL: \$548.00
NON-MEMBER: TUITION: \$456.00 LAB FEE: \$98.00 BOOKS: \$62.00 TOTAL: \$616.00

Tile Setting Level 3 By Module

Course/Module Title: Basic Layout: L-Shaped Room, Layout: Inter-Connecting Rooms, Cementitious Backer Units over Wood or Metal Studs, Interior Walls

CRN #64S0837 Module #TS3-7
 Day/Date: F & S 4/18-4/19 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

Course/Module Title: Construction Specifications, Cement Mortar over Wood or Concrete Subfloors, Shower Receptors and Walls

CRN #64S0838 Module #TS3-8
 Day/Date: F & S 5/16-5/17 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

Course/Module Title: Basic Construction Drawing Reading, Tile Tubs and Fountains

CRN #64S0839 Module #TS3-9
 Day/Date: F & S 6/20-6/21 8:00 AM-4:30 PM LOCATION: NWCC, Room 106
MEMBER: TUITION: \$208.00 LAB FEE: \$16.50 BOOKS: \$43.00 TOTAL: \$267.50
NON-MEMBER: TUITION: \$208.00 LAB FEE: \$33.00 BOOKS: \$62.00 TOTAL: \$303.00

MANAGEMENT AND SUPERVISION

INTRODUCTORY SKILLS FOR THE CREW LEADER

This course is a Module within the Construction Craft Laborers program and, therefore, charged at the appropriate rate.

Course/Module Title: Introductory Skills for the Crew Leader

Topics Covered: Principles of Project Planning * Scheduling * Estimating * Management

CRN #51100S08 Module #00
 Day/Date: F & S 5/30-5/31 8:00 AM-4:30 PM LOCATION: NWCC, Room 202
MEMBER: TUITION: \$152.00 LAB FEE: \$0.00 BOOKS: \$52.00 TOTAL: \$204.00
NON-MEMBER: TUITION: \$152.00 LAB FEE: \$0.00 BOOKS: \$74.00 TOTAL: \$226.00

SUPERVISORY TRAINING PROGRAM

Supervisory skills, or the lack thereof, directly affect every company's bottom line. Each day, decisions made by every foreman and superintendent are crucial to the success or failure of every construction project. You make your money in the field. The Supervisory Training Program (STP) developed by the Associated General Contractors (AGC), is designed specifically to meet the needs of the construction industry. Developed, updated, and field-tested by and for contractors, the STP Program is 10-seminar courses that focus on the knowledge and skills that every supervisor needs in order to be an effective manager of people, time, equipment and materials. Units may be taken consecutively or independently. No prerequisites are required.

Supervisory Training Program Unit 8

Course/Module Title: Managing the Project: The Supervisor's Role

Topics Covered: Understanding Project Delivery Systems * Managing Information * Managing Risk * Planning the Work * Managing Methods and Materials Understanding Finances * Working with Project Partners * Understanding People * Understanding Corporate Policies/Procedures

CRN #STP8S08 Module #Unit 8
 Day/Date: Th-S 4/10-4/12 7:30 AM-4:30 PM LOCATION: NWCC, Room 102
MEMBER: TUITION: \$370.00 LAB FEE: \$0.00 BOOKS: \$129.00 TOTAL: \$499.00
NON-MEMBER: TUITION: \$370.00 LAB FEE: \$0.00 BOOKS: \$185.00 TOTAL: \$555.00

Supervisory Training Program Unit 9

Course/Module Title: Productivity Improvement

Topics Covered: Benchmarking construction productivity * Improving productivity through pre-planning * Four new skills for effective supervision * Personnel management * Equipment management * Jobsite productivity, planning and scheduling * Managing subcontractors * Quantifying lost productivity * Record keeping

CRN #STP9S08 Module #Unit 9
 Day/Date: Th-S 5/8-5/10 7:30 AM-4:30 PM LOCATION: NWCC, Room 102
MEMBER: TUITION: \$370.00 LAB FEE: \$0.00 BOOKS: \$129.00 TOTAL: \$499.00
NON-MEMBER: TUITION: \$370.00 LAB FEE: \$0.00 BOOKS: \$185.00 TOTAL: \$555.00

Supervisory Training Program Unit 10

Course/Module Title: General and Specialty Contractor Dynamics

Topics Covered: Construction systems * Contractual relationships * Value and impact of specialty contractors * Selecting a specialty contractor * Importance of open communication * Prints and specifications * Time management * Productivity and goals* Project closeout

CRN #STP10S08 Module #Unit 10
 Day/Date: Th-S 6/12-6/14 7:30 AM-4:30 PM LOCATION: NWCC, Room 102
MEMBER: TUITION: \$370.00 LAB FEE: \$0.00 BOOKS: \$129.00 TOTAL: \$499.00
NON-MEMBER: TUITION: \$370.00 LAB FEE: \$0.00 BOOKS: \$185.00 TOTAL: \$555.00

PROFESSIONAL/TECHNICAL TEACHER EDUCATION AND CERTIFICATION

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 the NCCER in a specific program of study, provided the minimum NCCER qualifications are met. All NWCC instructors are required to take the ICTP. Teachers showing proof of current licensure with the Oregon Teachers Standards and Practices Commission are only required to take the first day of class to be eligible for NCCER Certification. NCCER Certification is required of any secondary school teachers desiring articulation with NWCC.



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ICTP1022 Instructor Certification Training Program-Two Day

Course/Module Title: Instructor Certification Training Program-Two Day

Topics Covered: Introduction to NCCER Training * Using NCCER's Contren® Learning Series * Evaluation Techniques
* Instructional Aids * Leadership & Group Dynamics * How Learning Occurs
* Giving a Short Presentation *

CRN #99100S082 Module #00
Day/Date: F 4/11 2:00 PM-7:00 PM & S 4/12 8:00 AM-7:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$250.00 LAB FEE: \$0.00 BOOKS: \$78.00 TOTAL: \$328.00
NON-MEMBER: TUITION: \$250.00 LAB FEE: \$0.00 BOOKS: \$112.00 TOTAL: \$362.00

ICTP102 Instructor Certification Training Program-One Day

Course/Module Title: Instructor Certification Training Program-One Day

Topics Covered: Introduction to NCCER Training * Using NCCER's Contren® Learning Series * Evaluation Techniques
* Instructional Aids

CRN #99100S081 Module #00
Day/Date: F 4/11 2:00 PM-7:00 PM LOCATION: NWCC, Room 101
MEMBER: TUITION: \$150.00 LAB FEE: \$0.00 BOOKS: \$78.00 TOTAL: \$228.00
NON-MEMBER: TUITION: \$150.00 LAB FEE: \$0.00 BOOKS: \$112.00 TOTAL: \$262.00

Teachers showing proof of current licensure with the Oregon Teachers Standards and Practices Commission are only required to take the first day of class to be eligible for NCCER Certification.



REGISTRATION FORM

8111 NE Holman Street
Portland, OR 97218
Phone 503-256-7300
Toll-free 800-309-1442
Fax 503-252-9560

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

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
___ Apprentice* - Registered with the State of Oregon, Bureau of Labor and Industries
___ Personal/Professional Development – Taking classes to upgrade specific skills
___ Career Track* - Pursuing courses toward a Certificate of Completion
___ Continuing Education – Taking approved Continuing Education courses

Course Information (Mandatory)

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.)

Title:	Tuition:
CRN:	Books:
Dates:	Lab Fees:
Times:	Total:

Title:	Tuition:
CRN:	Books:
Dates:	Lab Fees:
Times:	Total:

Title:	Tuition:
CRN:	Books:
Dates:	Lab Fees:
Times:	Total:

Registration Fee \$ 10.00
Total Course Fees \$.
TOTAL AMOUNT 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 _____

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 FRONT AND BACK OF PAGE 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;
- 2) That any refund calculation is based on my last date of physical attendance;
- 3) If a lab fee is included, the school must indicate what the lab fee covers; and
- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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 RECEIVED THESE DOCUMENTS, READ ALL PAGES, AND AGREE TO ANY STIPULATIONS LISTED IN THEM.

Signature of Student _____ Date _____

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

Signature of School Official _____ Date _____

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For information contact: **Jim Trapp, Executive Director**
503-943-5664
jimtrapp@caws-pdx.org

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Portland, Oregon 97203

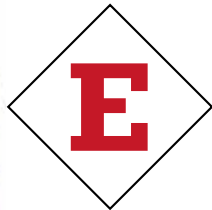
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Aristotle

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