

# CARPENTRY

Carpenters make up the largest building trade occupation in the industry. Well-trained carpenters with all-around skills are in high demand. Carpenters are involved in many different kinds of construction activities, from building highways and bridges to building schools to installing kitchen cabinets. Carpenters construct, erect, install, and repair structures and fixtures made from wood, metal, concrete and other materials. The CITC four-year program prepares carpenters for residential and commercial work.

Students will be required to have access to a computer or tablet device with a working camera and microphone. Additionally, all students will need to have access to a reliable internet source when classes begin in the fall. For additional information on the technical requirements for this program please contact the CITC office at (425) 454-2482.

**Note: It is crucial that students have required books prior to the first class meeting. A student who does not have books by the end of the second week may be dismissed from class and charged with an absence.**

**CITC strives to offer a variety of class schedules and locations for students to select from. To ensure your place in a class of your choice CITC encourages your registration as soon as registration opens. Registration is on a first come, first serve basis. If the class you have selected is full, you will be transferred into the next available class at the CITC facility nearest your home zip code.**



## APPRENTICESHIP MONTHLY WORK LOGS

Apprenticeship monthly work logs can be submitted to the apprenticeship department via email: [worklogs@citcwa.org](mailto:worklogs@citcwa.org); fax: (425) 289-0085; mail to the CITC main office: 1930 116th Ave NE Bellevue, WA 98004; or placed in the Drop Box outside of CITC Facilities.

## NCCERCONNECT 2.0 WITH PEARSON eTEXT ACCESS CARD

NCCERConnect 2.0 is an online training program that enhances student learning with a range of visual, auditory, and interactive elements. Your Pearson eText Access Card will give you access to an eBook version of the textbook included in the package.

<https://registration.mypearson.com>



## NCCER BOOKSTORE

# 20% OFF

Enter code **NCCER20** to receive 20% off your NCCER books

*Includes free shipping on your first order*

[www.nccer.org/bookstore](http://www.nccer.org/bookstore)

**CARPENTRY LEVEL 1**

Minimum: 160 hours per year

**CARPENTRY 101: FALL QUARTER**

Students will thoroughly review construction site and shop safety; introduced to trade mathematics, safe use of hand and power tools, blueprint reading, rigging; job site communication, and construction materials and handling. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion. Includes OSHA 10 Training.

**CARPENTRY 102: WINTER QUARTER**

Students will learn to read plans and elevations, then safely use hand and power tools to practice building floor systems and wall and ceiling framing. Emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**CARPENTRY 103: SPRING QUARTER**

Students will be introduced to roof framing procedures then safely use carpentry hand and power tools to practice roof framing. Student will be introduced to building envelope systems including window and exterior door opening preparation; Students will finish the quarter with an introduction to basic stair layout and framing. Emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**REQUIRED BOOKS - CARPENTRY LEVEL 1**

It is the student's responsibility to have the following book(s) on the first night of class:

BOOK	Soft Cover ISBN	Hard Cover ISBN
NCCER Carpentry Level 1, 5th Edition, NCCERConnect 2.0 with eText	<b>NCCERConnect (includes eText) ISBN-13:</b> 9780134205083	
NCCER Carpentry Level 1 Trainee Guide, 5th Edition	978-0-13-340237-7	9780133403800
NCCER Core Curriculum Trainee Guide, 6th Edition, NCCERConnect 2.0 with eText	<b>NCCERConnect (includes eText) ISBN-13:</b> 9780137483136	
NCCER Core Curriculum Trainee Guide, 6th Edition	9780137483341	9780137483358
Carpentry by Koel 7th Edition		978-0-8269-0823-0
Carpentry by Koel Workbook 7th Edition	TBA	

\*Purchase NCCERConnect through <https://registration.mypearson.com/>

**CARPENTRY LEVEL 2**

Minimum: 160 hours per year

**CARPENTRY 201: FALL QUARTER**

Students will learn to read commercial drawings then practice cold-formed steel framing; students will discuss thermal and moisture protection including insulating materials, vapor barriers, and waterproofing materials. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**CARPENTRY 202: WINTER QUARTER**

Students will discuss various types of exterior finish materials and installation procedures, then practice exterior finishing. Students will review drywall properties and proper installation and finishing procedures. Students will be introduced to suspended ceiling components and installation procedures. The class will discuss green building practices and their importance and impact on the construction industry. Emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**CARPENTRY 203: SPRING QUARTER**

Students will begin with an introduction to roofing applications for commercial and residential buildings; discuss residential and commercial door components and installation; practice installing doors and hardware; window, door, floor and ceiling trim and cabinet fabrication and installation. Emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**REQUIRED BOOKS - CARPENTRY LEVEL 2**

It is the student's responsibility to have the following book(s) on the first night of class:

BOOK	Soft Cover ISBN	Hard Cover ISBN
NCCER Carpentry Level 2, 5th Edition, NCCERConnect 2.0 with eText	<b>NCCERConnect (includes eText) ISBN-13:</b> 9780134428086	
NCCER Carpentry Framing & Finish Level 2 Trainee Guide	978-0-13-340430-2	978-0-13-340465-4
NCCER Your Role in the Green Env. LEED v4.1	9780136701200	
Carpentry by Koel		978-0-8269-0809-4
Carpentry by Koel Workbook	978-0-8269-0810-0	

\*Purchase NCCERConnect through <https://registration.mypearson.com/>

**CARPENTRY LEVEL 3**

Minimum: 160 hours per year

**CARPENTRY 301: FALL QUARTER**

Students will begin learning about properties of concrete followed by an introduction to trenching and excavating; foundations and slabs-on-grade; horizontal and vertical forming and procedures. The impact of green building procedures on foundations and forming will also be discussed. An emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**CARPENTRY 302: WINTER QUARTER**

Students will learn to safely handle and place concrete and discuss the selection and uses of different types of reinforcing materials in concrete. An emphasis will be placed on following safe working procedures with concrete and reinforcing materials. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**CARPENTRY 303: SPRING QUARTER**

Students will focus on various forms of rigging equipment and proper rigging practices and procedures. Students will then be introduced to tilt-up wall panels. An emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**REQUIRED BOOKS - CARPENTRY LEVEL 3**

It is the student's responsibility to have the following book(s) on the first night of class:

BOOK	Soft Cover ISBN	Hard Cover ISBN
NCCER Carpentry Level 3, 5th Edition, NCCERConnect 2.0 with eText	<b>NCCERConnect (includes eText) ISBN-13:</b> 9780134428093	
NCCER Carpentry Forms Level 3 Trainee Guide, 5th Edition	978-0-13-382305-9	
Carpentry by Koel		978-0-8269-0809-4
Carpentry by Koel Workbook	978-0-8269-0810-0	

\*Purchase NCCERConnect through <https://registration.mypearson.com/>

**CARPENTRY LEVEL 4**

Minimum: 160 hours per year

**CARPENTRY 401: FALL QUARTER**

Students will learn to do site layout (differential leveling; angular and distance measurement). Schedule for lab dates will be handed out the first night of class each quarter. An emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**CARPENTRY 402: WINTER QUARTER**

Students will learn to do advanced roofing systems, advanced wall systems, advanced stair systems and review uses of light equipment. An emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**CARPENTRY 403: SPRING QUARTER**

Students will practice commercial finish work; review site preparation; and complete the Introductory Skills for the Crew Leader course. An emphasis will be placed on following safe working procedures. Lab date schedule will be provided at the beginning of the quarter. Scheduled dates may be adjusted at instructor's discretion.

**REQUIRED BOOKS - CARPENTRY LEVEL 4**

It is the student's responsibility to have the following book(s) on the first night of class:

BOOK	Soft Cover ISBN	Hard Cover ISBN
NCCER Carpentry Level 4, 5th Edition, NCCERConnect 2.0 with eText	<b>NCCERConnect (includes eText) ISBN-13:</b> 9780134428109	
NCCER Carpentry Advanced Level 4 Trainee Guide, 5th Edition	978-013-382314-1	
Carpentry by Koel		978-0-8269-0809-4
Carpentry by Koel Workbook	978-0-8269-0810-0	

\*Purchase NCCERConnect through <https://registration.mypearson.com/>

**Carpentry Instructors**

As a part of our dedication and commitment to training, we take pride in delivering top quality instructors. CITC's instructors are highly skilled journey-level workers who bring their knowledge and years of trade experience into the classroom. All CITC instructors have been certified by the National Center for Construction Education and Research.

**Mark Anderson** started in the trade in 1967, completed his apprenticeship in 1974. Joined the CITC faculty in 2016.

**Lynel Bortles** started in the trade in 1974 and became a CITC faculty member in 1990. He received his ATA in Project Management with OTE completed in 2000. Received CITC Instructor of the Year award in 2007.

**Timothy Beecher** started in the trade in 1994. CITC graduate and Student of the Year in 2002, and became a CITC faculty member in 2007.

**Doug Blackwell** started in the trade in 1985 as a finish carpenter. Moved into commercial construction where he moved into management in 1995. Became a CITC faculty member in 2017.

**Chris Green** started in the trade in 1986. Joined the CITC faculty is 2019.

**Ken Homola** started in the trade in 1993. Joined the CITC faculty is 2019.

**Keith Love** started in the trade in 1996. Eastern WA University Graduate in Business Management 1980. Became a CITC faculty member in 2015.

**Jacob McDaniels** started in the trade in 2012. Joined the CITC faculty is 2019.

**Michael Powell** started the trade in 1998. Completed his apprenticeship in 1994. Joined the CITC faculty in 2016.

**Scott Sigmund** started in construction in 1976 and joined the CITC faculty in 2016.

## Carpentry Schedule & Tuition

### Eastern Washington Region

CARPENTRY LEVEL 1										
Spokane	101	Fall	13 weeks	64 hours	Fri/Sat	8a-5p	Sept. 3 & 4; Oct. 1 & 2; Nov. 5 & 6; Dec. 3 & 4 + Assignments			Tuition: \$1,220
Spokane	102	Wtr	8 weeks	48 hours	Fri/Sat	8a-5p	Jan. 14 & 15; Oct. 11 & 12; Mar. 11 & 12			Tuition: \$1,220
Spokane	103	Spr	9 weeks	48 hours	Fri/Sat	8a-5p	Apr. 8 & 9; May 13 & 14; June 10 & 11			Tuition: \$1,220
CARPENTRY LEVEL 4										
Spokane	401	Fall	13 weeks	64 hours	Fri/Sat	8a-5p	Sept. 10 & 11; Oct. 8 & 9; Nov. 12 & 13; Dec. 10 & 11 + Assignments			Tuition: \$1,220
Spokane	402	Wtr	8 weeks	48 hours	Fri/Sat	8a-5p	Jan. 7 & 8; Oct. 4 & 5; Mar. 4 & 5			Tuition: \$1,220
Spokane	403	Spr	9 weeks	48 hours	Fri/Sat	8a-5p	Apr. 1 & 2; May 6 & 7; June 3 & 4			Tuition: \$1,220

### Western Washington Region

CARPENTRY LEVEL 1										
Bellevue	101	Fall	13 weeks	60 hours	Mon	5p-9p	September 13 - December 13 + 1 Saturday			Tuition: \$1,625
Bellevue	102	Wtr	10 weeks	52 hours	Mon	5p-9p	January 3 - March 14 + 1 Saturday			Tuition: \$1,625
Bellevue	103	Spr	10 weeks	48 hours	Mon	5p-9p	April 4 - June 13 + 1 Saturday			Tuition: \$1,625
Marysville	101	Fall	13 weeks	60 hours	Tue	5p-9p	September 14 - December 14 + 1 Saturday			Tuition: \$1,625
Marysville	102	Wtr	10 weeks	52 hours	Tue	5p-9p	January 4 - March 15 + 1 Saturday			Tuition: \$1,625
Marysville	103	Spr	9 weeks	48 hours	Tue	5p-9p	April 5 - June 7 + 1 Saturday			Tuition: \$1,625
Tacoma	101	Fall	13 weeks	60 hours	Mon	5p-9p	September 13 - December 13 + 1 Saturday			Tuition: \$1,625
Tacoma	102	Wtr	10 weeks	52 hours	Mon	5p-9p	January 3 - March 14 + 1 Saturday			Tuition: \$1,625
Tacoma	103	Spr	10 weeks	48 hours	Mon	5p-9p	April 4 - June 13 + 1 Saturday			Tuition: \$1,625
CARPENTRY LEVEL 2										
Bellevue	201	Fall	13 weeks	60 hours	Tue	5p-9p	September 14 - December 14 + 1 Saturday			Tuition: \$1,625
Bellevue	202	Wtr	10 weeks	52 hours	Tue	5p-9p	January 4 - March 15 + 1 Saturday			Tuition: \$1,625
Bellevue	203	Spr	9 weeks	48 hours	Tue	5p-9p	April 5 - June 7 + 1 Saturday			Tuition: \$1,625
Marysville	201	Fall	13 weeks	60 hours	Wed	5p-9p	September 15 - December 15 + 1 Saturday			Tuition: \$1,625
Marysville	202	Wtr	10 weeks	52 hours	Wed	5p-9p	January 5 - March 16 + 1 Saturday			Tuition: \$1,625
Marysville	203	Spr	9 weeks	48 hours	Wed	5p-9p	April 6 - June 8 + 1 Saturday			Tuition: \$1,625
Tacoma	201	Fall	13 weeks	60 hours	Tue	5p-9p	September 14 - December 14 + 1 Saturday			Tuition: \$1,625
Tacoma	202	Wtr	10 weeks	52 hours	Tue	5p-9p	January 4 - March 15 + 1 Saturday			Tuition: \$1,625
Tacoma	203	Spr	10 weeks	48 hours	Tue	5p-9p	April 5 - June 7 + 1 Saturday			Tuition: \$1,625
CARPENTRY LEVEL 3										
Bellevue	301	Fall	13 weeks	60 hours	Wed	5p-9p	September 15 - December 15 + 1 Saturday			Tuition: \$1,625
Bellevue	302	Wtr	10 weeks	52 hours	Wed	5p-9p	January 5 - March 16 + 1 Saturday			Tuition: \$1,625
Bellevue	303	Spr	9 weeks	48 hours	Wed	5p-9p	April 6 - June 8 + 1 Saturday			Tuition: \$1,625
Marysville	301	Fall	14 weeks	60 hours	Thu	5p-9p	September 9 - December 16 + 1 Saturday			Tuition: \$1,625
Marysville	302	Wtr	10 weeks	52 hours	Thu	5p-9p	January 6 - March 17 + 1 Saturday			Tuition: \$1,625
Marysville	303	Spr	9 weeks	48 hours	Thu	5p-9p	April 7 - June 9 + 1 Saturday			Tuition: \$1,625
Tacoma	301	Fall	13 weeks	60 hours	Wed	5p-9p	September 15 - December 15 + 2 Saturdays			Tuition: \$1,625
Tacoma	302	Wtr	10 weeks	52 hours	Wed	5p-9p	January 5 - March 17 + 1 Saturday			Tuition: \$1,625
Tacoma	303	Spr	9 weeks	48 hours	Wed	5p-9p	April 7 - June 9 + 1 Saturday			Tuition: \$1,625
Vancouver	301	Fall	13 weeks	64 hours	Fri/Sat	8a-5p	September 8 - December 10 + 1 Saturday			Tuition: \$1,625
Vancouver	302	Wtr	9 weeks	48 hours	Fri/Sat	8a-5p	January 4 - March 5			Tuition: \$1,625
Vancouver	303	Spr	9 weeks	48 hours	Fri/Sat	8a-5p	April 1 - June 4			Tuition: \$1,625

## Carpentry Schedule & Tuition *continued*

### Eastern Washington Region *continued*

CARPENTRY LEVEL 4								
Bellevue	401	Fall	15 weeks	60 hours	Thu	5p-9p	September 2 - December 16	Tuition: \$1,625
Bellevue	402	Wtr	9 weeks	52 hours	Thu	5p-9p	January 6 - March 17 + 1 Saturday	Tuition: \$1,625
Bellevue	403	Spr	9 weeks	48 hours	Thu	5p-9p	April 7 - June 9 + 1 Saturday	Tuition: \$1,625
Tacoma	401	Fall	14 weeks	60 hours	Thu	5p-9p	September 9 - December 16 + 1 Saturday	Tuition: \$1,625
Tacoma	402	Wtr	9 weeks	52 hours	Thu	5p-9p	January 6 - March 17 + 1 Saturday	Tuition: \$1,625
Tacoma	403	Spr	9 weeks	48 hours	Thu	5p-9p	April 7 - June 9 + 1 Saturday	Tuition: \$1,625



All first year classes include  
**OSHA 10 for Construction**

