



Construction Trades

Instructor: Mr. Tout

Asst. Instructor: Mr. Bell

Room#: Olympic 103

Office Hours: 7:25-7:45 am and 1:45-2:50pm

Phone: 253.683.5997

E-mail: dtout@bethelsd.org

pbell@bethelsd.org

Web: www.pcskillscenter.org

Course Overview

The Construction Trades program is a State of Washington approved pre-apprenticeship program designed to prepare students for direct entry into an apprenticeship by meeting rigorous academic and industry standards. This course covers both residential and commercial construction with an emphasis on job site safety through hands-on projects, guest speakers and field trips. Students will learn framing, roofing, blueprint reading, estimating costs, and site preparation. Students who meet ALL course competencies with a B or better will be granted preferred enrollment and advanced placement in the Carpenters-Employers Apprenticeship & Training Trust Fund.

Course Units

- Safety
- Construction Math
- Hand Tools
- Power Tools
- Building Plans
- Communication & Collaboration Skills
- Employability & Life Skills
- Orientation to the Trades
- Green Construction
- Building Materials
- Site Layout
- Foundation & Concrete
- Floor Systems
- Wall & Ceiling Framing
- Roof Framing
- Windows & Exterior Doors
- Exterior Finish
- Roofing
- Insulation, Moisture Control & Ventilation
- Stairs
- Interior Doors
- Interior Finish trim
- Electrical
- Plumbing
- Welding
- HVAC
- Alternative Energy

Course Supplies

- Combination lock for tool locker
- Three ring binder with ruled paper
- Writing Utensils
- USB stick drive

Course Fees *(fees are subject to change based on vendor adjustments)*

- SkillsUSA Leadership \$16.00
- PCSC T-shirt
Short Sleeve \$9.00 S-XL \$11.00 XXL
Long Sleeve \$14.00 S-XL \$15.00 XXL

* Students who undertake personal projects may incur materials fees.

Certification

- Forklift certification
- OSHA 10-hour safety course
- CPR/First Aid
- Precision Exams

* Certificates will not be issued until all fines and/or fees are paid in full

Apprenticeship Articulation

Students who meet ALL course competencies with a B or better will be granted preferred enrollment and advanced placement in the Carpenters-Employers Apprenticeship & Training Trust Fund.

Grading Policy

Students are primarily assessed based on their mastery of course content and technical skill. The majority of a student's grade (70%) is based on summative assessments and (30%) is based on formative assessments.

Grading Breakdown

70% - summative assessments (tests, projects, labs, presentations, etc.)

30% - formative assessments (classwork, practice, quizzes, homework, leadership, employability, etc.)

Grade Scale

Percent	Letter Grade	Percent	Letter Grade
100-93	A	82-80	B-
92-90	A-	79-77	C+
89-87	B+	76-73	C
86-83	B	72-70	C-
69 and below = F			

Homework Policy

Although the majority of PCSC work is done during the class period, occasionally homework is assigned or classwork will need to be completed outside the school day. All assignments are expected to be turned in on time. Missing homework will be entered in the gradebook with a score of "0" until completed. Work submitted after the due date will receive a reduction in points. Teachers will set final dates, after which a late assignment will no longer be accepted. Teachers may also identify work that will not be accepted late. If a student knows they will be absent, it is their responsibility to make arrangements ahead of time to obtain class or homework that will be missed. Students with excused absences will have two days for every day absent to turn in missing work.

Redo Policy

Redo opportunities are available to students who are working hard towards content mastery but need an additional testing opportunity to demonstrate proficiency. Students who are given a redo opportunity will be required to show effort and progress not only on the first assessment, but will also be required to complete work outside of class as directed by the teacher. Redo opportunities may not be given to students who choose not to study or prepare for an assessment, who refuse to take an assessment, or who abuse the redo opportunity. Certain projects and assessments are not eligible for a redo opportunity, including final exams.

Internet and Computer Access

The Pierce County Skills Center uses the platform, Canvas, to manage digital classroom content. In many cases assignments will be distributed and turned in through this system. This means that students should have access to the internet and a device outside of school. If your student does not have access to these, please contact the main office (253.800.4800) for assistance. Hot spots and devices are available through students' home districts.

ParentVUE/StudentVUE

Students and their parents/guardians are strongly encouraged to use ParentVUE/StudentVUE to monitor grades and attendance. [ParentVUE](#) is an online link provided through the school district website for you to access your student's course information, including grades, assignments, and attendance. If you do not already have an ID and Password contact the main office (253.800.4800) for your login information.

Dual Credit & College Credit

Students have the opportunity to earn college credits at local community and technical colleges. Students must earn a C or better and have met all course competencies. Dual credit opportunities are subject to change based on course offerings and approval at the community and technical colleges. Visit the [Dual Credit](#) page on the PCSC website for the most current information.

Leadership & SkillsUSA

Leadership is a vital component of all career and technical education classes. Every day you will be required to demonstrate strong leadership and workplace skills: prompt attendance, professional and respectful behavior, problem solving, working with diverse groups, and strong communication.

Students have the opportunity to join SkillsUSA, a student leadership organization that includes teachers, high school and college students, and industry partners who are working together to ensure America has a skilled workforce. Participation in SkillsUSA provides students with the opportunity to further develop the personal, technical, and workplace skills to better prepare them for career success. SkillsUSA activities culminate in regional career and technical competition events. Students who qualify may advance to state and national competitions.

Policies and Course Requirements

Construction Trades is a professional, preparatory program, which can lead to apprenticeship, employment, or post-secondary placement. Student behavior is expected to be appropriate to those settings. The following highlight ways to exemplify this expectation.

- Always respect yourself, your environment, and the people around you.
- Handle yourself in a safe and professional manner.
- Always avoid horseplay.
- Always wear ANSI approved safety glasses at all times in the shop/work areas.
- Follow guidelines for appropriate shop attire.
- Stay within the classroom boundaries.
- Always avoid swearing and speaking about or alluding to inappropriate subject matter.
- Listen attentively during group instruction.
- Maintain a positive attitude and have fun!

PCSC Expectations & Policies – [Student Handbook](#)

Students are expected to review and follow the school rules, procedures, and processes outlined in the PCSC student handbook and the district's [Student Rights and Responsibilities](#). Students will be held accountable for the rules outlined; claiming to not know about a rule does not excuse a student from the consequence.

Cheating/Plagiarism

Cheating is by definition, an action done by a student to supply work for another student, or turn in work, use work, or rely on work that is not their own, other than in circumstances clearly understood to involve collaborative or group learning. The judgment of the teacher or staff member who discovers cheating is final. The first offense of cheating will be an F on the assignment/assessment. A second offense of cheating may result in an F in the program and removal from PCSC.

Electronic Equipment

Personal electronic devices, including but not limited to, cell phones, can be a disruption to the educational process and are not permitted at school. The only exception to the following policy is if a teacher specifically grants permission for usage for educational purposes. Electronic devices are to be turned off and put away before entering the building. Students who continue to violate the electronic equipment policy can expect their device to be confiscated, a parent/administrative conference, and additional disciplinary action. Insubordination or argumentative behavior regarding device confiscation will result in further disciplinary action.

Food & Drink

Food and beverages, with the exception of water, are not permitted in classroom areas. No water should be near laptop or desktop computers. A bottle refill station is located in the Rainier Building.

Hall Passes/Vests

Students must have instructor permission to leave class and only one student is permitted out of class at one time. Passes are not to be requested during lectures or presentations. Any student out of class should have a hall pass with time and destination. Any student who needs to go to the parking lot during class must WEAR a classroom-provided safety vest.

Safety Policy

Students are expected to use all tools and equipment safely and only in the manner in which the tool is intended to be used. Horseplay or unsafe behavior will not be tolerated and is grounds for dismissal from the program. Students must pass both a written and performance test at 100% before using shop equipment. All equipment is to be used with proper safety precautions and supervision during class hours only. All accidents or injuries must be reported to the instructor immediately.

General Safety Expectations – APPLIES TO ALL CLASSROOM, SHOP, OR CAMPUS SPACE

- No horseplay (including but not limited to play fighting, running, and throwing things).
- Always wear ANSI approved safety glasses. Always wear the proper PPE (personal protective equipment) for the job.
- Secure loose clothing and accessories.
- Do not use a tool if you have not been trained or are not comfortable using it. If you are not sure, ask.
- Practice good housekeeping. Keep your work area clean and organized.
- Keep walkways clear of power cords and debris.
- Sweep your work area at the end of class.

Dress Code

This is a shop environment and clothing must be shop appropriate. The following requirements are in addition to the PCSC dress code outlined in the student handbook.

Construction Trades Dress Code

- Work style pants **NO SHORTS OR SKIRTS**
- All leather water resistant work boots required – no tennis shoes, open toe shoes, sandals or slippers
- Work style rain jacket, much of our work is done in an open-air building and is very cold.
- No loose clothing
- Jewelry and/or watches must be removed
- Long hair tied back
- Safety glasses will be worn at all times in shop and other safety equipment and gear as directed

Tools/Equipment/Technology

All tools/equipment/technology are the property of PCSC, and although students will check out items for use during class, items are not to be removed from the classroom/shop area. Students are responsible for all items assigned to them until checked back in by the instructor. Any item removed from PCSC will be considered stolen property and the student will be subject to disciplinary action and reported to the Pierce County Sheriff's department.

2nd Year Program - Enrollment Requirements

Several PCSC programs have both a first and second year, however automatic enrollment in the second year is not guaranteed. PCSC 2nd year students are considered the leaders of the center. They are students who during their first year, earned no lower than a B grade, had excellent attendance (less than 10 per year excused or unexcused), and demonstrate responsible, respectful, and professional behavior. Most importantly, students must be able to self-manage and successfully work independently without teacher interventions. Instructor approval is required for 2nd year applications.

SEPTEMBER		MARCH									
M	T	W	T	F	M	T	W	T	F		
Aug 31 - PD Day #1 - No Students										8 - Late Arrival End of 2nd Trimester & 23 - Grade Prep Early Dismissal	
1 - Waiver Day #1 - No Students			31	1	2			1	2		3
2 - Back to School Prep - No Students	5	6	7	8	9	6	7	8	9		10
5 - Labor Day - No School	12	13	14	15	16	13	14	15	16		17
6 - First Day of School	19	20	21	22	23	20	21	22	23		24
14 - Late Arrival	26	27	28	29	30	27	28	29	30	31	
23 - PD Day #2 - No Students											
OCTOBER		APRIL									
M	T	W	T	F	M	T	W	T	F		
12 - Late Arrival	3	4	5	6	7	3	4	5	6	7	3-7 - Spring Break 12, 26 - Late Arrival
20 - Grade Prep Early Dismissal	10	11	12	13	14	10	11	12	13	14	
21 - PD Day #3 - No Students	17	18	19	20	21	17	18	19	20	21	
	24	25	26	27	28	24	25	26	27	28	
	31										
NOVEMBER		MAY									
M	T	W	T	F	M	T	W	T	F		
11 - Veterans Day - No School		1	2	3	4	1	2	3	4	5	10 - Late Arrival 26 - Snow Make-up Day or No School 29 - Memorial Day - No School
16 - Late Arrival	7	8	9	10	11	8	9	10	11	12	
23-25 - Thanksgiving Break	14	15	16	17	18	15	16	17	18	19	
	21	22	23	24	25	22	23	24	25	26	
	28	29	30			29	30	31			
DECEMBER		JUNE									
M	T	W	T	F	M	T	W	T	F		
6 - End of 1st Trimester Grade Prep (Early Dismissal)				1	2				1	2	7 - Late Arrival 19 - Juneteenth - No School 20 - Grade Prep Early Dismissal 23 - Last Day of School Early Dismissal
7 - PL Day #1 - No Students	5	6	7	8	9	5	6	7	8	9	
14 - Late Arrival	12	13	14	15	16	12	13	14	15	16	
19-30 - Winter Break	19	20	21	22	23	19	20	21	22	23	
	26	27	28	29	30	26	27	28	29	30	
JANUARY		JULY									
M	T	W	T	F	M	T	W	T	F		
2 - New Year's Day (observed) No School	2	3	4	5	6	3	4	5	6	7	— KEY — Late Arrival (No AM Session) Early Dismissal (No PM Session) No School for Students Non School Days
11 - Late Arrival	9	10	11	12	13	10	11	12	13	14	
16 - Martin Luther King, Jr Day No School	16	17	18	19	20	17	18	19	20	21	
25 - PL Day #2 - No Students	23	24	25	26	27	24	25	26	27	28	
	30	31				31					
FEBRUARY		AUGUST									
M	T	W	T	F	M	T	W	T	F		
15 - Late Arrival		1	2	3		1	2	3	4	Student Calendar = 178 school days for students and 2 waiver days for teachers.	
17 - Snow Make-up Day or No School	6	7	8	9	10	7	8	9	10		11
20 - President's Day - No School	13	14	15	16	17	14	15	16	17		18
21 - Waiver Day #2 - No Students	20	21	22	23	24	21	22	23	24		25
	27	28				28	29	30	31		