



Construction Technology

August 28, 2024

Course Description:

Welcome to Construction Technology! In the PSSC Construction Technology program, you will learn the fundamentals of designing and building various structures. You will learn the fundamentals of woodworking, general carpentry, electrical, plumbing, concrete and more. You will meet industry professionals and you will take field trips to job sites and industry training facilities. You will discover over 160 different career opportunities within the industry while preparing for your next career step, whether that is college, apprenticeship, or early entry into the workforce.

Culture of Learning: Construction Tech is a place where all students feel safe, respected and valued. Through in-class and hands-on learning you will gain skills that enable you to thrive in an environment of high expectations and high standards. Teamwork is a crucial component to working in construction and you are expected to work together with other students when projects demand. As your instructor, it is my job to teach you the skills you'll need to pursue a career in the trades.

Student Learning Outcomes: By the end of this course, you will learn-

Safety- how to work safely is the most important aspect of this course. We will spend a lot of time on safety.

Tools and tool safety. You will learn how to safely operate the following tools- table saw, bandsaw, miter saw, router, planer/jointer, circular saw, jig saw, oscillating saw, nail guns, impact drivers and drills, and more.

Measurement- the tape measure is the most important tool on the job.

Materials- you will learn to identify, measure, cut, fasten and finish a variety of construction materials, such as wood, metal, plastic, paints, stains, and more.

Instructor Contact Information:

Email: justin.deary@highlineschools.org

Phone: 206-631-7311

I am available by phone from 7:25am-2:55pm or by appointment.

Email is the best way to get in touch with me. Translation and interpretation services are available.

Credits Offered:

Credits per Semester: 1.5 Elective Credit

Equivalency Credits: 0.5 English, 0.5 Algebra 1

College Credits: South Seattle College; Green River College - *pending*

Industry-Recognized Certifications: CPR, OSHA 10/30, Forklift Certification

Grading Policies: We use Standards Based Grading here at PSSC. Students will be graded on a range of standards related to the construction field. Rubrics will be used to evaluate assignments and projects.

The grade scale is as follows:

4 (A; 3.2 - 4.0): MEETING most standards and may be EXCEEDING on some.

3 (B; 2.4 - 3.19): MEETING most standards and may be APPROACHING or EXCEEDING on some.

2 (C; 1.6 - 2.39): APPROACHING on most standards and may be BEGINNING or MEETING on some.

1 (D; 1.2 - 1.59): BEGINNING on most standards and may be APPROACHING on some.

NC (NC; 0 - 1.19): NO EVIDENCE on most standards and may be BEGINNING in some. NC stands for No Credit. In high school, the NC does not earn credit for a course.

Make Up Opportunities: Some assignments can be reassessed, like written assignments. And some are the kind where you get one chance, like in building furniture.

Required Materials: PSSC will provide all necessary materials.

Uniform Requirements: Students must wear a lanyard with their student ID and PSSC provided attire and/or program-specific uniform daily. Closed toe shoes (no slides, sandals etc.). Long pants, **NO PAJAMAS**, shirts need to completely cover your abdomen and chest. **Your toes must be covered, or you will not work in the shop.** Long hair must be tied back, no hanging jewelry, hoodie strings etc.

Course Technology: Google Classroom. A.M. Code: pqgpv52 P.M Code: i67skjf

A.M invite link: <https://classroom.google.com/c/Njk2MzA4Mjg1NTA2?cjc=pqgpv52>

P.M. invite link: <https://classroom.google.com/c/NzA5MDk1MjM1NzUz?cjc=i67skjf>

Work-Based Learning (WBL):

WBL is an instructional strategy that provides students with career exploration opportunities and hands-on learning where knowledge gained in CTE courses can be applied to real-life work experiences. The goal of every work-based learning program is to prepare students for the next generation of the workforce. PSSC students are eligible to participate in Work Based Learning, either **Instructional** or **Cooperative**, through their CTE program and may be able to earn elective credits.

Common WBL opportunities

- Job placement in career pathway
- Internships
- Clinicals
- Externships

Contact your PSSC instructor to participate in Work Based Learning.

Leadership:

Leadership is a key component of (PSSC Program) where your student can be a member of (CTSO or equivalent). The purpose of (CTSO or equivalent) is to encourage the development of vocational understanding, leadership qualities, social awareness, and a sense of responsibility to school and community. It is each student's choice as to how active they will become in (CTSO or equivalent).

SkillsUSA is our CTSO

List of opportunities:

- CTSO conferences, competitions
- Community Service
- PSSC Program Leader

Cell Phone Policy:

Construction Tech is a **phone and earbud free zone**. Because phones are a safety hazard and a huge distraction, all phones will be placed in a phone box at the beginning of class and given back at the end of class. Let your friends and family know that you will communicate with them after class. If it's an emergency your parents can call the class phone at 206-631-7311 or the front desk.

[Attendance Policy](#) Attendance is critical to your success in class. There are many lessons and demonstrations that cannot be re-taught. Unless you are sick or have a family or medical situation, make it a point to come to school every day.

If you are going to be absent, please contact our attendance specialist, Kelsey Gomez
Kelsey.gomez@highlineschools.org phone:206-631-7353

Or email Mr. Deary justin.deary@highlineschools.org

Student Handbook: [CLICK HERE TO VIEW](#)

Students and parents should read the entire student handbook together. Mr. Deary will send home a paper form that needs to be signed by parents and students confirming that you have read the handbook.