



# Construction Trades Syllabus

## COURSE INFORMATION (2022-2023 School Year)

### **Credit: 3.0 Credits total**

- Eligible for equivalent credits: 3<sup>rd</sup> credit in Math, English, Science  
*Must be approved by your sending school counselor and administrator.*  
Complete Course Equivalency Form in the fall.
- Career and Technical Ed
- Elective

### **Class Times/Days:**

- AM Session: 7:55 am - 10:25 am, M-F
- PM Session: 11:10 am - 1:40 pm, M-F

### **Course Mission:**

Provide students with the knowledge, skills, and abilities to pursue rewarding construction careers with excellent wages and benefits.

Enrich and support each student's high school learning experience, including opportunities for course equivalencies.

### **Course Description:**

There is an increasingly high demand for employment in the construction industry!

- The Construction Trades program is designed to provide students with a foundation of skills and experiences to prepare them to gain apprenticeship and employment within the trades, or post-secondary education leading to a profession within the construction industry.
- This course also focuses on developing professionalism and highly employable traits and characteristics; providing students the skills necessary in all aspects of industry including customer service, safety focus, and written/verbal communication.
- Skills and knowledge are cultivated using hands-on activities, project-based learning, fieldtrips, and guest speakers to meet rigorous academic and industry standards.

**Prerequisites:** None. Exploratory courses such as woodshop, tech-ed, computer-aided drafting/3D modeling, and manufacturing technologies are beneficial.

## INSTRUCTOR INFORMATION

### **Jen Stutz**

Office Hours: 7:00 am - 7:45 am, 1:45-2:30 pm, M-F

Office Location: Building 3, Room 313

Phone: 425-348-2244

Email: [stutzjk@mukilteo.wednet.edu](mailto:stutzjk@mukilteo.wednet.edu)

*The best way to reach me during the school day is via email, and we can always follow-up with a phone call as needed. I look forward to hearing from you.*

## COURSE MATERIALS

Materials provided by Sno-Isle:

- Safety glasses, hardhat, hearing protection, tool belt, gloves
- Locker and combination lock
- Textbook: Core Curriculum, Introductory Craft Skills, NCCER, Pearson
- Textbook: Carpentry Fundamentals, Level One, NCCER, Pearson

Required Materials provided by student for daily use:

- Work boots – thick and slip-resistant sole. Steel-toe or safety-toe not required.
- Work pants – jeans or cargo-style pants. No shorts, leggings, large rips/holes allowed.

## LEARNING OBJECTIVES

*The following course units are combined and **integrated into small to large scale projects.***

- Overview of Construction Industry and Related Fields
- Jobsite Safety
- Construction Math and Measurement
- Hand Tools and Power Tools
- Introduction to Construction Drawings (blueprint reading)
- Materials and Fasteners
- Wood Framing Systems and Components
- Exterior Finishes and Roofing
- Thermal and Moisture Protection
- Exterior Doors and Windows
- Interior Finishes
- Company Organization and Operations
- Career Development and 21<sup>st</sup> Century Skills
- Project Planning, Scheduling, Estimating

### **Certificate Opportunities**

Students may earn certificates in:

- S/P2 Construction Safety Course
- CORE Plus Construction
- Fall Protection Awareness
- Precision Exams, 21<sup>st</sup> Century Skills
- Precision Exams, Construction Fundamentals

## ASSIGNMENTS and GRADING

### **Assessment Criteria – Approximate Breakdown**

Employability 50%

- Professional Responsibility, Weekly Engagement Timesheets, Organization, Safety
- Demonstrate our motto of Show Up. Work Hard. Learn New Things.

Assessments 30%

- Projects, Demonstrations, Exams

Assignments 20%

- Daily Work, Skills Practice, Research and Exploration

Additional grading rubrics typically are provided at the onset of each project or assignment. Students complete a daily timesheet, which is a self-evaluation tool that assesses student engagement and professionalism. The instructor reviews with each student and signs-off daily, and timesheets are turned in and graded weekly.

Sno-Isle TECH Skills Center can support accommodations for learning and health needs. Like your sending school, we need updated paperwork that states what accommodations are needed. Please turn in any updates to your learning and accommodation plans to your teacher or the Study Center staff.

Grading communication:

- Grades are updated, at a minimum, every two weeks. Students and families can view grades on Schoology via the online portal on Mukilteo School District's website.

### **Grading Scale**

A	93-100%	C+	77-79%
A-	90-92%	C	74-76%
B+	87-89%	C-	70-73%
B	84-86%	D+	67-69%
B-	80-83%	D	60-66%

## COURSE EXPECTATIONS

Students, commit to demonstrate the following:

- RESPECT for yourself, your environment, and the people around you
- Responsibility for the SAFETY of yourself and those around you
- Professionalism and CUSTOMER SERVICE, positively representing our program
- READINESS TO WORK AND LEARN, with appropriate materials, mindset and attitude

**These policies are at the core of all that we do. We will all live by them together!  
Many more specific safety requirements will be taught and demonstrated throughout the year, and students must follow all guidelines.**

Reference the Professional Standards and our school handbook for further information regarding rules and policies. Sno-Isle TECH Skills Center, administered by Mukilteo School District, follows MSD School Board Policies and Procedures.

There are inherent risks involved with any jobsite and/or shop environment, including the Construction Trades program at Sno-Isle TECH. Safety is our utmost concern. Safety training takes place throughout the school year and students are expected to follow all guidelines and join the teacher in promoting a culture that values safety.

Mukilteo School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination: Civil Rights Coordinator and Title IX Coordinator Simone Neal (425-356-1319), NealSR@mukilteo.wednet.edu, Section 504 Coordinator Lisa Pitsch (425-356-1277), PitschLA@mukilteo.wednet.edu, and the ADA/Access Coordinator Karen Mooseker (425-356-1330), MoosekerKW@mukilteo.wednet.edu. Address: 9401 Sharon Drive in Everett, WA. Inquiries regarding ADA/Access issues at Sno-Isle TECH Skills Center should be directed to Wes Allen, Director (425-348-2220) AllenWR@mukilteo.wednet.edu. Address: 9001 Airport Road in Everett, WA 98204.

**REVIEW DOCUMENT and RETURN THIS PAGE ONLY**

*Students and parents/guardians:*

Please read and review Construction Trades 2022-2023 syllabus and reach out with any questions.

Once you have a clear understanding of this syllabus, please sign and return (this page only).

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Student Name

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Student Signature

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Parent/Guardian Name

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Parent/Guardian Signature

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Parent/Guardian preferred **email(s) for teacher correspondence**