

## WAE (Intro to Tech & Engineering)

### Course Description:

Introduction to Technology and Engineering (WAE) includes automotive, manufacturing, transportation, communications and construction. The course involves the new changing technologies in each of the areas. A lab fee of \$20.00 will be charged to cover materials used in student projects.

As evidenced based on classroom assessments, the student is able to:

CD4.c.4.h	Model behaviors that demonstrate reliability and dependability
AC1.f.6.h.1	Demonstrate personal safety
AC1.f.6.h.2	Demonstrate workplace safety
MNF1.g.12.h.1	Perform basic Shielded Metal Arc Welding (SMAW) operations
MNF1.g.12.h.2	Examine carbon air arc gouging
MNF1.h.7.h	Demonstrate plasma cutting
MNF1.h.6.h	Demonstrate removing fasteners with a torch
MNF1.g.12.h.3	Braze cast iron
MNF1.g.10.h	Read a blueprint
MNF1.e.8.h	Cut and shape sheet metal
AC1.b.10.m	Use measuring tools
AC1.b.13.h	Apply semi precision layout from a blueprint
TR1.b.9.h	Describe how an automobile works in basic terms, such as parts and function
TR1.c.11.h	Change a flat tire on a vehicle
TR1.b.7.h	Perform basic fluid level checks and analyze fluid conditions
BB1.b.6.h	Correctly clean, wax, and detail a vehicle, inside and out

West Salem High School is a Target-Based Grading and Reporting School. The learning targets above appear in the Skyward gradebook. Teachers provide feedback on each learning target to parents and students via the Skyward gradebook using a score of 3 (Proficient), 2 (Approaching), 1 (Needs Support), or 0 (No Evidence).