

Construction and Development Cluster



Carpentry Program

PROGRAM OF STUDY OVERVIEW:

Carpenters make up the largest building trades occupation in the industry and those with all-around skills are in high demand. Carpenters are involved in many different kinds of construction activities, from building highways and bridges to installing kitchen cabinets. Carpenters construct, erect, install, and repair structures and fixtures made from wood and other materials. The program is affiliated with the National Center for Construction Education and Research (NCCER).



Entrance Grades	Foundations of Building and Construction Technology (CORE)	Carpentry I	Carpentry II	Carpentry III (optional)**	Work Study (optional)
	1 Credit Double-blocked for One Quarter*	1 Credit Double-blocked for One Quarter*	2 Credits Double-blocked for One Semester COMPLETER	2 Credits Double-blocked for One Semester	
	*Students commit to completing CORE & Carpentry I sequentially in a semester.			**By space available & teacher recommendation	
10 th Grade Entrance	Fall Sophomore		Spring Sophomore	**Spring Junior	Senior
11 th Grade Entrance	Fall Junior		Spring Junior	**Spring Senior	Senior
12 th Grade Entrance	Fall Senior		Spring Senior		

IN THIS PROGRAM

The Carpentry Program provides students with an opportunity to learn about the building industry. Students master a variety of construction skills related to safety, construction theory, material and equipment uses. Students will also be exposed to new technologies including green building, alternative energies, and weatherization.

COURSE SEQUENCE

- Foundations of Building and Construction Technology
- Carpentry/Construction Technology I (A)
- Carpentry/Construction Technology II (A)
- Carpentry III (optional)

(A) articulates college credit

For course descriptions, please see the WCPS Course Catalog @ <https://www.worcesterk12.com/>

STUDENT ORGANIZATION



CERTIFICATIONS

- NCCER Core: Intro Craft Skills
- NCCER Carpentry Level I

The Maryland Building Industry Association has declared there will be a shortage of trained carpenters in the near future.

EARLY COLLEGE CREDIT PARTNERS



Also Anne Arundel, Baltimore and Montgomery Community Colleges