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).

Carpentry 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.

IN THIS PROGRAM

<table>
<thead>
<tr>
<th>Entrance Grades</th>
<th>Foundations of Building and Construction Technology (CORE)</th>
<th>Carpentry I</th>
<th>Carpentry II</th>
<th>Carpentry III (optional**)</th>
<th>Work Study (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Credit Double-blocked for One Quarter*</td>
<td>1 Credit Double-blocked for One Quarter*</td>
<td>2 Credits Double-blocked for One Semester COMPLETE</td>
<td>2 Credits Double-blocked for One Semester</td>
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</table>

*Students commit to completing CORE & Carpentry I sequentially in a semester.

**By space available & teacher recommendation

<table>
<thead>
<tr>
<th>Grade Entrance</th>
<th>Course Sequence</th>
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<th>Course Sequence</th>
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</thead>
<tbody>
<tr>
<td>10th Grade</td>
<td>Fall Sophomore</td>
<td>Spring Sophomore</td>
<td>**Spring Junior</td>
<td>Senior</td>
</tr>
<tr>
<td>11th Grade</td>
<td>Fall Junior</td>
<td>Spring Junior</td>
<td>**Spring Senior</td>
<td>Senior</td>
</tr>
<tr>
<td>12th Grade</td>
<td>Fall Senior</td>
<td>Spring Senior</td>
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Also Anne Arundel, Baltimore and Montgomery Community Colleges

STUDENT ORGANIZATION

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

CERTIFICATIONS

- 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/

EARLY COLLEGE CREDIT PARTNERS

WOR-WIC Community College

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