

# ● Construction & Design – Construction Strand ●

## Sample Plan of Study\*

Professionals who build and remodel homes or commercial, recreational, industrial or office facilities. Includes builders of highways, streets, bridges, tunnels, and airports.

<p><b>Freshman Year</b></p> <p>(1.0) English 9          (1.0) Math (based on 8<sup>th</sup> grade math course)          (1.0) Earth Science/Freshman Gen. Science          (1.0) Intro to Social Studies/Current Social Issues (Not a required course.)          (1.0) PE Concepts          (1.0) Fine Arts          (0.5) Business/Computer Elective          (0.5) Introduction to Industrial Technology          (1.0) Electives</p>	<p><b>Sophomore Year</b></p> <p>(1.0) English 10          (1.0) Math          (1.0) Biology          (1.0) World History          (1.0) Woodworking I          (1.0) Drafting/CAD          (1.0) Architecture Design          (1.0) Electives</p>
<p><b>Junior Year</b></p> <p>(1.0) English 11          (1.0) Math          (1.0) Physical Science          (1.0) U.S. History          (1.0) Carpentry          (1.0) Woodworking II          (2.0) Electives</p>	<p><b>Senior Year</b></p> <p>(1.0) English 12          (0.5) American Government          (0.5) Speech          (1.0) Advanced Woodworking          (1.0) Product Design Studio          (4.0) Electives</p>

**Pathway Courses** (Pathway completion requires students to complete three pathway courses, including two technical or application courses. Information on this pathway can be found here: <https://www.maizeconnect.com/detail-architecture-and-construction>.)

Introductory Level	Technical Level	Application Level
<ul style="list-style-type: none"> <li>· Introduction to Industrial Technology</li> </ul>	<ul style="list-style-type: none"> <li>· Woodworking I</li> <li>· Carpentry</li> <li>· Drafting/CAD</li> <li>· Architecture Design</li> </ul>	<ul style="list-style-type: none"> <li>· Woodworking II</li> <li>· Advanced Woodworking</li> <li>· Product Design Studio</li> </ul>

### Other Recommended Courses

Geometry Entrepreneurship

### Graduation Requirements

English – 4 units	Math – 3 units
Science – 3 units	Social Studies – 3 units
PE/Health – 1 unit	Fine Arts – 1 unit
Computer/Business – 1 unit	Speech – 0.5 unit
Electives – 11.5 units	



\*This sample plan of study offers an example of what a student's individual plan of study in this pathway might look like. Please note that some courses may not be offered on an annual basis and participation in classes may be subject to space availability.