

Architecture, Mechatronics, & Engineering

What kind of jobs can this pathway prepare you for?

- Architect or Drafter
- Mechatronics Engineer
- Mechanical, Civil, Electrical, Chemical, or Nuclear Engineer
- Cartographer



ACME
Architecture, Construction,
Mechatronics & Engineering

Graduation Requirements

Required credits -
Subject (required courses)
for students scheduled to
graduate in **2021** on a
Traditional Diploma Pathway

- 4 - English (English I & II)
- 4 - Math (Algebra I)
- 4 - Science (Biology I)
- 4 - Social Studies (US History, World History, Geography [$\frac{1}{2}$], Economics [$\frac{1}{2}$], US Government [$\frac{1}{2}$], Mississippi Studies [$\frac{1}{2}$])
- $\frac{1}{2}$ Comprehensive Health
- 1 - Business Technology
- 1 - Art
- 5 - Electives

Pathway Courses

- Introduction to Engineering (Mississippi State University)
- Computer Science & Cybersecurity
- Simulation & Animation Design

Suggested Courses

- AP Calculus
- Physics Chemistry
- Dual Credit College Algebra
- *Seniors should complete either a Capstone Project, Career Pathways Experience, or approved internship*

* The Career Technical and Suggested Courses shown above reflect recommendations to complement this pathway. It is not a complete list of CTE or elective courses offered by VWCCA. Requested courses should be approved by your Guidance Counselor to ensure graduation requirements are met.