



Architecture and Construction Pathway

Career Field: Industrial, Manufacturing and Engineering Systems

| | Freshman Year | Sophomore Year | Junior Year | Senior Year |
|-------------------------------|---|---------------------------------|---|--------------------------------------|
| English Language Arts Courses | English I or Pre-AP English I | English II or Pre-AP English II | English III or AP English, Language, and Composition | English IV or Concurrent Enrollment |
| Mathematics Courses | Algebra I or Pre-AP Geometry | Geometry or Pre-AP Algebra II | Algebra II or AP Precalculus | Additional Advanced Math or Elective |
| Science Courses | Physical Science or Biology | Biology or AP Biology | Chemistry or Anatomy/Physiology | Additional Lab Science or Elective |
| Social Studies Courses | World History or Native American Studies | Oklahoma History/ Government | US History or AP US History | Elective |
| Elective Options | World Language or Computers | World Language or Computers | Technology Center Program such as Carpentry, HVAC, Pre-Engineering, or Computer Aided Drafting and Design | |
| | Academic Achievement: Improving Student Learning Skills | Applied Communications | | |
| | | ACT Prep | Critical Thinking | Advanced Mathematics |

Personal Financial Literacy (PFL) and CPR Training must be completed prior to graduation.

Related Careers and College Majors

- Architect
- Brick Mason
- Carpenter
- Civil Engineer
- Construction Foreman/Manager
- Contractor
- Demolition Engineer
- Drafter
- Drywall Installer
- Electronic Systems Technician
- Equipment/Material Manager
- General Contractor/Builder
- Heating, Ventilation, Air Conditioning and Refrigeration Mechanic
- Interior Designer
- Project Estimator
- Project Inspector
- Roofer
- Safety Director
- Sheet Metal Worker
- Tile and Marble Setter
- Painter
- Paperhanger
- Plumber
- Electrician