

Construction



9

10

11

12

English

English 1

English 2

English 3

1.0 English Credits

Mathematics

Algebra 1

Geometry in Construction

Algebra 2

1.0 Math Elective

Social Science

World Geography
AP Human Geography

Topics (.5)

American History

Government (.5)

Science

Biology

Chemistry

Physics
AP Physics 1

AP Physics 1
AP Physics 2

Physical
Education

Health (.5)
Beginning Strength (.5)

Drivers Ed (.5)
Beginning Strength (.5)

1.0 PE Elective

1.0 PE Elective

Career
and
Technical Education

Intro to Business
Drafting 1

Drafting 2
Construction 1
Construction 2

Architectural Drawing
Construction 3
Machine Shop

Technical Drawing
Consumer Education (.5)
TCD Construction

Other
Recommended
Electives

World Language 1
3D Art/Photo
Drawing
AVID 9

World Language 2
3D Art/Photo
Drawing
AVID 10

World Language 3
Graphic Art
3D Art/Photo
Drawing
AVID 11

World Language 4
Graphic Art
3D Art/Photo
Drawing
AVID 12

Occupations Relating to this Cluster

Occupations Requiring Less than a Bachelor's Degree

- Carpenter
- Electrician
- Plumber
- HVAC Technician
- Construction Laborer
- Roofer
- Mason
- Painter
- Drywall Installer
- Heavy Equipment Operator
- Surveying Technician
- Welder
- Glazier
- Cabinetmaker
- Construction Inspector

Occupations Requiring a Bachelor's Degree or Higher

- Architect
- Civil Engineer
- Construction Manager
- Interior Designer
- Urban Planner
- Landscape Architect
- Structural Engineer
- Mechanical Engineer
- Electrical Engineer
- Environmental Engineer
- Architectural Project Manager
- Building Inspector
- Facilities Manager
- Cost Estimator

Extracurricular Activities

Art Club
Business Professionals of America
FCCLA
National Honor Society
Personal Finance Challenge Team
Robotics

Career Resources

[American Institute of Architects \(Illinois\)](#)
[Business Professionals of America](#)
[List of Illinois Labor Unions](#)
[Illinois Pathways](#)
[College Board](#)