

Digital Technology



9

10

11

12

Occupations Relating to this Cluster

English

English 1

English 2

English 3

1.0 English Credits

Mathematics

Algebra 1

Geometry

Algebra 2

1.0 Math Elective

Social Science

World Geography
AP Human Geography

Topics (.5)

American History
AP Macroeconomics
AP Microeconomics

Government (.5)
AP Macroeconomics
AP Microeconomics

Science

Biology

Chemistry

Physics

1.0 Science Elective

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

IT Fundamentals
Computer Applications 1
Computer Applications 2

Computer Maintenance 1
Computer Maintenance 2

AP Comp. Sci. Principals

AP Comp. Sci. A

Other
Recommended
Electives

World Language 1
AVID 9

World Language 2
AVID 10

World Language 3
AVID 11

World Language 4
AVID 12

Occupations Requiring Less than a Bachelor's Degree

- Computer Support Specialist
- IT Support Specialist
- Network Technician
- Web Designer
- Computer Repair Technician
- Cybersecurity Technician
- Database Support Technician
- Audio/Video Technician
- Telecommunications Technician
- CAD Technician
- Digital Media Technician
- Game Tester (Quality Assurance)
- Cloud Support Associate

Occupations Requiring a Bachelor's Degree or Higher

- Software Developer
- Computer Systems Analyst
- Information Security Analyst
- Network Architect
- Database Administrator
- Data Scientist
- Web Developer
- Computer Scientist
- Artificial Intelligence Engineer
- Machine Learning Engineer
- Cloud Solutions Architect
- IT Project Manager
- Video Game Designer
- Systems Software Engineer

Extracurricular Activities

Drone Club
Robotics Club
Tech Crew
Business Professionals of America
Personal Finance Challenge Team

Math Team
Scholastic Bowl
Video Game Club

Career Resources

[Association for Computing Machinery](#)
[Business Professionals of America](#)
[Girls Who Code](#)
[Technology Student Association](#)
[Illinois Pathways](#)
[College Board](#)