



## Information Technology Pathway

**Career Field:** Communication and Information 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
<b>Elective Options</b>	World Language or Computers	World Language or Computers	Technology Center Program such as Computer Repair, Cybersecurity, Multimedia Design	
	Academic Achievement: Improving Student Learning Skills	Applied Communications	ACT Prep	Critical Thinking
			Advanced Science Courses	Advanced Mathematics Courses

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

### Related Careers and College Majors:

- Game Developer
- Programmer
- Cybersecurity Analyst
- Software Developer
- Data Center Analyst
- Graphic Artist
- IT Support
- Systems Engineer
- Web Developer
- Help Desk Technician
- Telecommunications Technician
- Database Administrator
- Network Administrator