

**Science and Technology**  
**Suggested 4-year Plan for Career and Technical Education**

**Freshman Year**

1. Intro. to Literature and Comp 1 & 2 (X)\*
2. Algebra 1A& 1B, Algebra Integrated 1A & 1B, Geometry 1A & 1B (X), Geometry Integrated 1A & 1B (X)
3. American Government\*/ Social Studies elective
4. Earth Science 1 & 2
5. Physical Education, City-Wide Band, or ROTC\*
6. CTE Keyboarding/Career Development or Career Technology
7. Foreign Language 1
8. Complete schedule by selecting one class from the appropriate area below

**Sophomore Year**

1. American Literature and Comp. 1 & 2 (X)\* or Language Arts Elective
2. Geometry 1A & 1B (X), Geometry Integrated 1A & 1B (X), Algebra 2A & 2B (X), Algebra Integrated 2A & 2B (X)
3. Geography 1 \* & 2, Medieval History X / Ancient History X, or social studies elective\*
4. Biology 1 & 2 (X)
5. CTE Technological Research 1 & 2
6. Foreign Language 2
7. Complete schedule by selecting from the appropriate area below

**Junior Year**

1. British Literature and Comp. 1 & 2 (X)\* or Language Arts Elective
2. Algebra 2A & 2B (X), Algebra Integrated 2A & 2B (X), or Trig/Pre- Calculus\*
3. American History 1 & 2 (Afro-American or Hispanic-American or Native American History for 1 Term) or AP American History 1 & 2 (X)\*
4. Chemistry 1 & 2, Physics 1 & 2 (X) or science electives
5. Complete schedule by selecting from the appropriate area below

**Senior Year**

1. World Literature & Comp 1 & 2 or AP English 1 & 2\*
2. Complete schedule by selecting from the appropriate area below.

<u>Aeronautics/Aerospace</u>	<u>Applied Engineering</u>
Required for area = ®	Required for Area = ®
Introduction to Aerospace 1 & 2 ®	CTE Wood Technologies 1 & 2
Fundamentals of Flight 1 & 2 ®	CTE Drafting/CAD
Drafting/ CAD	CTE Manufacturing 1 & 2
Electronics 1 & 2	CTE Database/ Spreadsheet
Geography 1 & 2	Foreign Language 3
Principles of Engineering 1 & 2	CTE Principles of Engineering 1 & 2
Oral Communications 1 & 2	Integrated Technologies 1 & 2 ®
Foreign Language 3	CTE Electronics 1 & 2
Avionics Technology (EGOS)	Physics 1 & 2
Senior Option **	Trig/ Analytic Geometry
	AP Calculus 2 & 3
	Senior Option**

\*\* Senior Options - CEC: Executive Internship or Drafting/Architectural Technology; CTE Career Connection Experience; Post-Secondary Options; &/or classes at EGOS