SSHS – SCHOOL OF ACADEMICS
Course of Study for the _Academy of Accelerated Academics_ - Emphasis in _STEM_

Subject Area	Units Required	9th Grade	10th Grade	11th Grade	12th Grade
English	40	English 9 (Y)	English 10 (Y)	English 11 (Y)	English 12 (Y)
Fine Arts or Foreign Language	10	_Three years of Foreign Language: French, German, or Spanish_			
Mathematics	30	**Geometry (Y) or Algebra II Trig. (Y)**	**Algebra II Trig. (Y) or Calculus AB (Y)**	**Math Analysis (Y) or Calculus BC (Y)**	**Calculus AB (Y) or Calculus C Honors (Y)**
P.E.	20	P.E. (Y)	P.E. (Y)		
Health	5	Health (S)			
Physical and Biological Sciences	30	**Geoscience (Y) or CP or Honors Biology (Y)**	**CP or Honors Biology (Y) or CP or Honors Chemistry (Y)**	**CP or Honors Chemistry (Y) or AP Chemistry**	**AP Physics 1 (Y)**
World History	10		World History (Y)		
U.S. History	10			U.S. History	
American Gov.	5				Am. Government (S)
Economics	5				Economics (S)
Computer Ed.	5	Understanding Career Choices (S)			
Practical Art	5				
Electives+	55	**Exploring Computer Science AB (Y)**	**AP Computer Science (Y) or ROP/CTE Webmaster (Y) (2 periods) Robotics and Engineering (Y)**	**AP Computer Science (Y) or ROP/CTE Webmaster (Y)(2 periods) Robotics and Engineering (Y)**	**AP Environmental Science (Y) AP Biology (Y) AP Chemistry Honors Anatomy and Physiology (Y)**
Total	230				

(Y) Indicates a yearlong course of study (10 Units)

(S) Indicates a one semester course of study (5 Units)

+The computer courses in Electives may count as Computer Ed, Practical Arts or Math Elective Units. Students may take additional Computer, Math and Science courses as electives.

Graduation Certification Requirements
SSHS – School of Accelerated Academics,
STEM Emphasis
(all courses include engineering and statistical concepts)

Certification	GPA	Required Courses Beyond Graduation Requirements
Recognition	**3.0 GPA**	Completion of: **Science** • 1 AP or Honors Science or Physics **Math** • Calculus AB and AP Statistics **Technology** • AP Computer Science and Robotics and Engineering
Honors	**3.5 GPA**	Completion of: **Science** • 2 AP or Honors Science and AP Physics **Math** • AP Calculus BC or AP Statistics **Technology** • AP Computer Science or ROP/CTE Mobil App Design (CEC) and Robotics and Engineering
High Honors	**4.0 GPA**	Completion of: **Science** • 2 AP or Honors Science, and AP Physics **Math** • Calculus C Honors **Technology** • AP Computer Science, ROP/CEC Mobil App Design (CEC), or ROP/CTE Webmaster and Robotics and Engineering

1) Completion of a STEM-related Senior Project.
2) Participation in a STEM-based club or community service commitment within STEM.