

# SSHS – SCHOOL OF TECHNICAL ARTS

## Course of Study for Academy of Computer Programming

Subject Area	Credits Required	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English	40	English 9 (Y)	English 10 (Y)	English 11 (Y)	English 12 (Y)
Fine Arts or Foreign Language	10	<i>Students planning on attending a University need 2 years of a Foreign Language course</i>			
Mathematics	30	Math (Y)	Math (Y)	Math (Y)	
P.E.	20	P.E. (Y)	P.E. (Y)		
Health	5	Health (S)			
Physical and Biological Sciences	30	Science (Y)	Science (Y)	Science (Y)	
World History	10		World History (Y)		
U.S. History	10			U.S. History (Y)	
American Gov.	5				American Gov. (S)
Economics	5				Economics (S)
Computer Ed.	5	<i>Understanding Career Choices (S)</i>			
Practical Art	5				
Electives  <b>WEB</b>	55	<b><i>Exploring Computer Science AB</i></b>	<b><i>Robotics and Engineering (Y) or AP Computer Science (Y)</i></b> <b><i>ROP/CTE Webmaster/Internet Services Occupations (Y)(repeatable)</i></b> <b><i>or</i></b> <b><i>ROP/CTE IT Essentials (Y)(CEC)</i></b> <b><i>or</i></b> <b><i>ROP/CTE Mobile AP Development (Y)(CEC)</i></b> <b><i>or</i></b> <b><i>ROP/CTE Cybersecurity (Y)(CEC)</i></b> <b><i>or</i></b> <b><i>ROP/CTE Game Design (Y)(CEC)</i></b> <b><i>or</i></b> <b><i>ROP/CTE Virtual Enterprise (Y)(CEC)</i></b>		
Total	230				

### Courses in bold lettering required for certification

(Y) Indicates a 1 year course of study (10 credits)

(S) Indicates a 1 semester course of study (5 credits)

WEB = Minimum required classes – 30 or 35 units or with recommended classes a total of 50 credits

Updated: 3/2015