

SSHS – SCHOOL OF TECHNICAL ARTS

Course of Study for Academy of Computer Programming

Subject Area	Credits Required	9 th Grade	10 th Grade	11 th Grade	12 th 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 WEB	55	<i>Exploring Computer Science AB</i>	<i>Robotics and Engineering (Y) or AP Computer Science (Y)</i> <i>ROP/CTE Webmaster/Internet Services Occupations (Y)(repeatable)</i> <i>or</i> <i>ROP/CTE IT Essentials (Y)(CEC)</i> <i>or</i> <i>ROP/CTE Mobile AP Development (Y)(CEC)</i> <i>or</i> <i>ROP/CTE Cybersecurity (Y)(CEC)</i> <i>or</i> <i>ROP/CTE Game Design (Y)(CEC)</i> <i>or</i> <i>ROP/CTE Virtual Enterprise (Y)(CEC)</i>		
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