

# Sample Program of Study

## CIS Application Development - AAS

*This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans must meet high school graduation requirements as well as college entrance requirements.*

Location	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13
<b>High School</b>	Algebra I or Geometry Biology English 9 PE/Health US History	Chemistry English 10 Geometry or Algebra II World History	<b>Summer</b> College Readiness Success Strategies Bootcamp	none	none
<b>Early College</b>	none	none	<b>Fall</b> ENGL 101: English Composition I Social Science (POSC 101, POSC 102, HIST 201 or HIST 202) Humanities/Fine Arts  <b>Spring</b> CIS 100: Foundations of Info.Technology CIS 106: Operating System Foundations ENGL 102: English Composition II	<b>Fall</b> CIS 119: Programming Logic & Design CIS 140: Network Foundations CIS 118: Web Dev. & Design Foundations  <b>Spring</b> CIS 156: Computer Security CIS 164: C++ Programming CIS Elective	<b>Fall</b> CIS 240: Systems Analysis & Design CIS 264: Adv. C++ Programming CIS 266: Java Programming CIS Elective  <b>Spring</b> CIS 242: Windows Server CIS 228: Scaling Networks *MATH 123: Quantitative Reasoning Natural Science

### Notes:

College courses can be used to meet MMC requirements through dual enrollment.

\*MATH 123 is final HS MMC required course

*(The final HS course credit that's "held back" can be adjusted on an individual basis, please discuss with an advisor and HS counselor)*