

2008–2009

National Academy of Information Technology (OASIS Code = AP) COMPUTER PROGRAMMING OPTION CIP 11.0152-0 Requirements for Program Completion (3 credits A) + (1 Credit B)			
Code	Course #	Course Title	Credit
A	2964/2967	Discovering Programming Concepts A/B	1.0
	2989/2990	Computer Programming 1A/1B (Advanced Level)	1.0
	2901/2902	Computer Programming 2A/2B (Advanced Placement)	1.0
	2965/2966	Computer Programming 3A/3B (Advanced Placement)	1.0
B	TBD	College Information Technology A/B*	1.0
	TBD	National Academy Foundation Internship A/B	1.0
	2938/2939	Academy of Information Technology Guided Research A/B	1.0

National Academy Foundation requirements:

TBD	National Academy Foundation Internship, A/B	1.0
TBD	College Information Technology, A/B	1.0

Articulation Agreements with Montgomery College (MC)

Earn up to 18 credits with a grade of B or better in each course. Students who earn 18 college credits in their high school National Academy of Information Technology Computer Programming Pathway program will be saving \$1674 (\$93 per credit x 18 credits) plus the costs of textbooks and instructional materials.

MCPS PROGRAMS	APPLICABLE MC PROGRAMS
The Academy of Information Technology	Computer Science, A.A. <i>or</i> Computer Programming Certificate Option

MCPS COURSES	CORRESPONDING MC COURSES
2964/2967 Discovering Programming Concepts A/B	CS 215 Visual Basic Programming
2989/2990 Computer Programming 1, A/B	CS 140 Introduction to Programming
2901/2902 Computer Programming 2, A/B, Advanced Placement – course only	CS 213 Java Programming Language

Approved Sites

MCPS COURSES	CORRESPONDING MC COURSES
2901/2902 Computer Programming 2, A/B, Advanced Placement <i>and</i> AP Exam with a score of 4 or 5	CS 213 Java Programming Language <i>and</i> CS 103 Computer Science I
2965/2966 Computer Programming 3, A/B, Advanced Placement – course only	CS 103 Computer Science I
2965/2966 Computer Programming 3, A/B, Advanced Placement <i>and</i> AP Exam with a score of 3, 4, or 5	CS 214 Java Programming Language <i>and</i> CS 103 Computer Science I

Damascus, Gaithersburg, Seneca Valley, Springbrook, Wheaton, and Thomas S. Wootton high schools