

2008–2009

National Academy of Information Technology (OASIS Code = AR)			
INFORMATION RESOURCE DESIGN OPTION			
CIP 11.0153-0			
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
	2905/2906	Advanced Software Applications by Design A/B	1.0
	2991/2992	Web Site Development A/B	1.0
B	2936/2937	Advanced Web Tools and Digital Media A/B	1.0
	4232/4233	Database Administration Programming A/B	1.0
	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 21 credits with a grade of B or better in each course. Students who earn 21 college credits in their high school National Academy of Information Technology Information Resource Design Pathway program will be saving \$1953 (\$93 per credit x 21 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> Information Systems, A.A., <i>or</i> Web Careers, A.A. S.; Certificate programs: Web Content, Design, and Marketing; Web Programming, <i>or</i> Web Technologies

Approved Sites

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

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
2901/2902 Computer Programming 2, A/B, Advanced Placement and AP Exam with a score of 4 or 5	CS 213 Java Programming Language and CS 103 Computer Science I
4232/4233 Database Administration Programming, A/B	CS 270 Introduction to SQL using Oracle (Note: Students must pass CS140 and have Oracle Certification prior to receiving credit)
2991/2992 Web Site Development	CA 272 Web Site Development with XHTML
2936/2937 Advanced Web Tools and Digital Media A/B and WOW certification	CA 273 Advanced Web Site Development