

2008–2009

National Academy of Information Technology (OASIS Code = AN)			
NETWORKING/HARDWARE OPTION			
CIP 11.0151-0			
Requirements for Program Completion (1 credit A) + (2 credits B) + (1 Credit C)			
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
B	2905/2906	Advanced Software Applications by Design	1.0
	5611/5612 4214/4215	Microcomputer Technologies A/B	1.0
	5613/5614 4216/4217	Microcomputer Technologies A/B (DP)	2.0
	5615/5616 4218/4219	Network Engineering and Management A/B	1.0
	5617/5618 4220/4221	Network Engineering and Management A/B (DP)	2.0
C	4230/4231	Advanced Network Engineering and Management A/B	1.0
	TBD	National Academy Foundation Internship A/B	1.0
	5719/5720	Academy of Information Technology Guided Research A/B	0.5
	TBD	College Information Technology 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 24 credits with a grade of B or better in each course. Students who earn 24 college credits in their high school National Academy of Information Technology Networking/Hardware Pathway program will be saving \$2232 (\$93 per credit x 24 credits) plus the costs of textbooks and instructional materials.

MCPS PROGRAMS	APPLICABLE MC PROGRAMS
The Academy of Information Technology	Network and Wireless Technologies A. A. S Certificate Programs: Wireless Technologies Certificate, Microcomputer Technician Certificate, <i>or</i> Network Engineer Certificate

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
5611/5612 (4214/4215; 5613/5614; 4216/4217) Microcomputer Technologies A/B and pass the Cisco IT Essentials I online final exam with a score of 80% or better or successfully complete the CompTIA A+ exam	NW 127 Microcomputer Control Programs <i>and</i> NW 140 Microcomputer Configuration and Installation
5615/5616 (4218/4219; 5617/5618; 4220/4221) Network Engineering and Management A/B and pass the Cisco CCNA Discovery online final exam with a score of 80% or better or successfully complete the CCNET cert exam: ICND1	NW 151 Introduction to Networking <i>And</i> NW 252 Cisco Routers and Routing Basics
4239/4231 Advanced Network Engineering and Management A/B and pass the Cisco CCNA 3 & 4 online final exam with a score of 80% or better or successfully complete the CCNET cert exam: ICND2 (and ICND1)	NW 253 Cisco Router Configuration and Management II (Cisco Networking Academy - Semester 3) <i>And</i> NW 254 Cisco Router Configuration and Management III (Cisco Networking Academy – Semester 4)