MCPS Program: Network Operations
MC Program: Network and Wireless Technologies

SAMPLE SIX-YEAR PLAN

HIGH SCHOOL PROGRAM PLANNER

Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Social Studies	Social Studies	Social Studies	Social Studies (elective)
Algebra I Geometry	Geometry Algebra 2 w/ Analysis	Algebra 2 Precalculus w/ Analysis	Precalculus AP Calculus
Science (PC) Matter & Energy	Science (BC) Biology	Science (PC) Chemistry	Science (Elective) Physics (PC)
Physical Education	Health (.5) Elective (.5)	**Network Operations A (1.5)** **Network Operations B (1.5)** **Triple Period**	**Network Operations Elective (1),*** **or** **Network Operations Guided Research (1),** **or** **Network Operations Internship (1)**
Technology Education	Fine Arts (1)		
Foreign Language	Foreign Language		

*Network Operations Electives
- Web Site Development
- Discovering Programming Concepts
- Computer Programming 1
- Digital Electronics
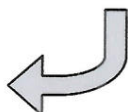- Microcomputer Technologies-Computer Maintenance
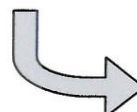
COLLEGE PROGRAM PLANNER
Networking and Wireless Technologies (Wireless Technologies Track shown)

First Year, Montgomery College	Second Year, Montgomery College
NW 127 Microcomputer Control Programs (3) (completed in high school via articulation)	NW 173 Network Security (4)
NW 140 Microcomputer Configuration and Installation (3) (completed in high school via articulation)	AS 101 Introductory Astronomy (4)
NW 151 Introduction to Networking (3) (completed in high school via articulation)	SP 108 Introduction to Human Communication (3)
MA 110 Survey of College Math (3)	NW 229 Wireless Communications (4)
NW 150 Electronics for Wireless (4)	NW 274 Advanced Wireless Communications (4)
EN 101 Techniques of Reading and Writing (3)	NW 275 Wireless Security (3)
EN 102 Techniques of Reading and Writing II (3) (OR EN 109 Writing for Technology & Business)	NW 264 Network And Wireless Troubleshooting (4) (Elective)
EC 201 Principles of Economics I (3)	AR101 Introduction to Drawing (3)
NW 170 Network Operating Systems (3)	
NW 130 Network Cabling Technology (3)	
HE 100 Principles of Healthy Living (1)	

Enter the exciting work world as a Network Technician!

OR

Continue your education !