

Montgomery County Students Information Technology Foundation (ITF), a non-profit organization, provides a unique partnership between local businesses and MCPS that is responsive to the needs of business, industry and the community. ITF is dedicated to providing students with unparalleled classroom instruction and hands-on experience in the field of computer configuration, maintenance, repair, and networking.

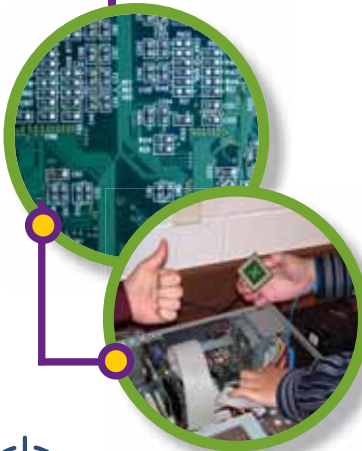


**MONTGOMERY COUNTY STUDENTS
INFORMATION TECHNOLOGY FOUNDATION**

For more information about our information technology programs please contact your school counselor, the Information Technology Foundation at 301.929.2190 or visit our web site at www.ITFcareers.org.

CONNECT TO YOUR FUTURE

INFORMATION TECHNOLOGY PROGRAMS



INFORMATION Technology PROGRAMS

AVAILABLE AT

Clarksburg High School
Rockville High School
Thomas Edison High School
of Technology

**MCPS COURSE CODES
FOR ENROLLMENT**

4202/4203

Network Operations A/B

Triple Period format
(1.5 credits)

OR

4242/4243

Network Operations 1 A/B

Double period format
(1.0 credit)

4244

Network Operations 2

Double period format
(1.0 credit)

NETWORK OPERATIONS is an exciting program that prepares students for **college** information system majors and lucrative technical industry certifications. Students explore new technologies in PC hardware, operating systems, and computer networking, earning **CompTIA A+** and **Network+ certifications**. The Computing Technology Industry Association's (CompTIA) certification programs are the recognized industry standards for foundation-level information technology (IT) skills. These skills are applicable to other certifications such as Microsoft's MCSA/MCSE and Cisco's CCNA.

CAREER AND STUDY OPPORTUNITIES

- Preparation for certifications that can lead directly to lucrative careers.
- Higher paying part-time jobs while attending college.
- Earn college credit while still in high school in conjunction with several local, accredited colleges.

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ITFcareers.org

STUDENT BENEFITS

- Rigorous, field-proven, business endorsed curriculum provides a broad scope of computer technology.
- Validation of progress through internationally recognized certifications, opening career pathways.
- Direct contact with the IT business community — through advice, speakers, and industry visits for broadening students' experience, and assistance in finding internship positions while still in school or jobs after graduation.
- Qualify as a Career Pathway Program Completer.
- Earn Advanced Technology credit.
- Earn up to 30 Student Service Learning (SSL) hours while enrolled in Network Operations classes.
- Free transportation each day (to Edison program) and back from your home school.

COLLEGE CREDIT

- Students earn college credits upon successful completion of the program and CompTIA examinations.
- Articulation agreements in place with Montgomery College, Capitol College, DeVry University, Community College of Baltimore County, and Hagerstown Community College.
- Many other colleges and schools provide direct credit to holders of CompTIA certifications.



PROGRAM GOALS

- Prepare students for college
- Prepare students for CompTIA A+ and Network+ certification exams
- Prepare students for entry-level employment
- Provide students with a wide range of fundamental network and computer-related skills
- Provide knowledge of networking (LANs and WANs), computers, and their operating systems
- Develop effective written and verbal communications skills
- Provide community and business awareness experiences

IN THE NEWS

According to a recent Bureau of Labor Statistics report, network operation jobs are included among the fastest growing occupations projected to have the largest numerical increases in employment between 2006-2016.

According to a recent Lifelong Learning and Earning Six-year Student Study, Montgomery County Public Schools students who participated in career and technology programs performed as well, if not better, in college than did other graduates and career and technology students, and consistently earned more money. ITF Network Operations students were included in the study.

NBC4 and Fox 5 have featured Montgomery County Students Information Technology Foundation's computer sales on their morning news showing Network Operations students selling refurbished computers to customers.

