



WHAT YOU WILL LEARN

Information Technology is a field of options! IT bridges gaps between technology and business with a global reach. There is tremendous growth in information technology as industries like finance, healthcare, and education that invest in technology solutions. Wherever your interests lie, there is a need for Information Technology.

County College of Morris (CCM) Information Technology students learn how to:

- Build and repair computers
- Support and maintain software
- Build and troubleshoot networks
- Create a website or other app
- Prevent cyber attacks
- Analyze data and make predictions
- Work in teams to solve technology problems

Our Information Technology program at County College of Morris is designed to provide students industry-current skills to begin working in the field immediately or to transfer to bachelor-level technology programs.

PayScale's 2019 College Salary Report listed that computer science bachelor degree graduates earned an average early career salary of \$55,000 and a mid-career salary of \$92,100.

The average salary for early-career workers with an associate degree in information technology is \$41,600 per year, with a projected mid-career salary of \$66,600 annually. *According to the 2019 PayScale's 2019 College Salary Report.

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Curriculum Checksheet: www.ccm.edu/checksheets

Revised 06/21

CAREER OPPORTUNITIES

With an Associate's degree you can become a:

- Computer technician
- System administrator
- Web developer
- Database developer
- Cyber security analyst

With a bachelor's degree you can become a:

- Security administrator
- Network engineer
- Software engineer
- IT Support Specialist

CONTACT INFORMATION

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WHY STUDY INFORMATION TECHNOLOGY AT CCM

There are many reasons why you should study Information Technology Science at CCM:

- Learn current technical skills that can land you a job or enhance your current job skills in the in-demand field of information technology
- Specialized track options that match your area of interest including Cybersecurity, Networking, Web Development, Mobile App Development, Digital Forensics, and Data Science
- Curriculum to prepare you for industry certifications
- Transfer options to nearby bachelor-level institutions
- Active learning lab classrooms with state-of-the-art technology
- Diverse faculty and student body
- Extra-curricular activities like clubs, conferences, and fun events that allow you to get to know others in your field and learn outside of the classroom
- Small class sizes so you get individual attention from faculty
- Faculty with industry experience to give you a real-world understanding of the technology field
- Supportive environment with free tutoring and faculty office hours
- Flexible terms and class schedules that fit into your busy life

Note: You must see a faculty advisor to plan your sequence of courses. For the most up-to-date listing of courses, see the Curriculum Checklist for this program on the CCM website at www.ccm.edu/checksheets.

WHERE YOU CAN GO

CCM Information Technology graduates are prepared to enter the workforce. Graduates planning to complete a four-year degree attend nearby New Jersey public and private institutions like Rutgers, NJIT, Montclair, William Patterson, Ramapo, Fairleigh Dickinson and Kean University. Other students have recently attended out-of-state schools such as Pace University, Rochester Institute of Technology, Rensselaer Polytechnic Institute, and East Stroudsburg University.

Information Technology provides the structure for an organization's computing environment. A degree in IT compliments any industry. An Associate's degree in IT puts you in your career faster and allows you to continue learning through certifications and job experience to stay at the top of your field.

CURRICULUM

GENERAL EDUCATION FOUNDATION (20 CR)

COMMUNICATION (6 CR)

English Composition I	ENG 111	3
English Composition II	ENG 112	3

MATH/SCIENCE/TECHNOLOGY (3 CR)

Computer Science I	CMP 128	3
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SOCIAL SCIENCE (3 CR)*

Choose from General Education list (Social Science)		3
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GENERAL EDUCATION ELECTIVES (8 CR)

Probability & Statistics	MAT 130	4
Laboratory Science*		4

INFORMATION TECHNOLOGIES CORE (40 CR)

Intro to Information Technology	CMP 130	3
Computers and Data Networks	TEL 107	3
Routing I	TEL 110	3
Network Security	CMP 124	3
Operating Systems & Utilities	CMP 200	3
Linux	CMP 255	4
Fundamentals in Programming (Python)	CMP 131	3
Internet & Web Page Design	CMP 239	3
Database Programming (SQL)	CMP 241	3
Software Engineering	CMP 280	3
IT Track Electives*		9

TOTAL

60