



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.

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

According to PayScale, the average base salary in 2022 for graduates with an associate degree in information technology is \$63,000. Graduates with a bachelor's degree in computer science earn \$87,000..

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CAREER OPPORTUNITIES

Associate degree:

- Computer Technician
- Cyber Security Analyst
- Database Developer
- System Administrator
- Web Developer

Bachelor's degree:

- IT Support Specialist
- Network Engineer
- Security Administrator
- Software Engineer

CONTACT INFORMATION

Information Technologies Department

973-328-5780
Emeriti Hall, Room 225

Website:

www.ccm.edu/infotech



WHY STUDY INFORMATION TECHNOLOGY AT CCM

There are many reasons why you should study Information Technology 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 Fairleigh Dickinson, Kean, Montclair, New Jersey Institute of Technology, Ramapo, Rutgers and William Paterson. Other students have recently attended out-of-state schools such as Pace, Rensselaer Polytechnic Institute, Rochester Institute of Technology and East Stroudsburg.

Information Technology provides the structure for an organization's computing environment. A degree in IT compliments any industry. An associate degree from CCM 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