Mobile Communications Technology

Associate’s Degree Program

ITT Technical Institutes offer a variety of career-focused curricula. This sheet helps describe the Associate’s Degree program in Mobile Communications Technology offered in the School of Information Technology by the ITT Technical Institutes.

What it Means:
Information technology (IT) workers can benefit in most in many types of organizations. According to the U.S. Department of Labor, “In the modern workplace, it is imperative that IT works both effectively and reliably.”

One area of IT is mobile communications technology, which focuses on improving the functionality and reliability of mobile devices and servers. Mobile devices include smartphones, electronic books and tablets, MP3 players, car electronics, home entertainment systems and wireless home appliances. More users may connect to the Internet via mobile devices than desktop computers by 2015.

What it Means to You:
The Mobile Communications Technology program in the School of Information Technology at ITT Technical Institute is designed to help students develop knowledge and skills that they can use to prepare for career opportunities in a variety of entry-level positions in the field of mobile communications technology, such as field technicians, field service specialist, mobile devices support consultant, applications development technician and wireless technician. The program teaches analog and digital electronics, computers and networking, electronic and digital communications systems, and mobile wireless communications systems and devices. The program also exposes students to a combination of classroom theory and practical application in a laboratory environment. Graduates of this program may pursue careers in a variety of entry-level positions in various fields involving mobile communications technology, such as a field technician/field service specialist, mobile devices support consultant, applications development technician and wireless technician.

Some of the Courses in the Program:

- Basic Electronics
- Introduction to Mobile Communications Technology
- Introduction to Electronic Communications Systems
- Introduction to Networking
- Linux Networking
- IP Networking
- Mobile Wireless Communications I and II
- Mobile Communications Devices
- Introduction to Programming
- Computer Structure and Logic

Equipment Used by Students in the Program:
Students will have the opportunity to use the following school equipment as required throughout the program: standard electronics test equipment, such as multimeters, oscilloscopes, power supplies, function generators and spectrum analyzers, circuit and system simulation software, computer systems, mobile devices, networking equipment such as switches and routers, printers and other common computer peripherals. Please refer to the Student Equipment provision in the Online Course Information section of the school catalog for information relating to student equipment requirements for any distance education courses in this program that are taught online over the Internet.

Length of the Program:
Based on the typical class schedule of a full-time student, the associate’s degree program is seven quarters in length. A typical class session in most courses lasts approximately five hours. Class sessions are generally available in the day and evening, depending on student enrollment.

Admission Requirements:
Consult the school catalog for an explanation of the admission requirements for this program. Please contact the specific campus regarding the opportunity to transfer credits earned at other postsecondary institutions to satisfy course requirements of this program.
Education for the future.

The seven schools of study at the ITT Technical Institutes (School of Information Technology, School of Electronics Technology, School of Drafting and Design, School of Business, School of Criminal Justice, School of Health Sciences and Breckinridge School of Nursing) teach skills and knowledge that can be used to help pursue careers in our global technology-driven culture.

Last year, more than 80,000 men and women were enrolled in programs of study offered by the various ITT Technical Institutes.

With convenient class schedules, the ITT Technical Institutes offer an education designed around today's workplace. A world of opportunity is waiting for those ready to take a step forward in their education.

Go to programinfo.itt-tech.edu to access information on the programs of study offered at the ITT Technical Institutes, including, among other things:

- the occupations (by name and Standard Occupation Classification ("SOC") codes) that each program of study can help students prepare to enter, along with links to occupational profiles on O*NET (or its successor site) associated with the SOC codes;
- the on-time graduation rate for students who have completed each program of study;
- the costs associated with each program of study;
- the placement rate for students who completed each program of study;
- the median load debt incurred by students who completed each program of study, as provided by the U.S. Department of Education ("ED") to the ITT Technical Institutes; and
- any other information that the ED provided to the ITT Technical Institutes about any program of study.

Call 1-800-ITT-TECH, or visit our website at www.itt-tech.edu

1. This associate's degree program includes courses that may be taught either completely in residence at the institute, completely online over the Internet, as a distance education course, or partially in residence and partially online, as determined by the institute from time to time in its discretion. This program is not offered at all ITT Technical Institutes. Please refer to the specific ITT Technical Institute's school catalog for a complete list of the programs offered at the institute and which courses in each program may be taught in residence at the institute, completely online over the Internet as a distance education course, or partially in residence and partially online.

2. Not every institute has every school of study or offers all of the programs within a particular school of study. Please refer to the specific ITT Technical Institute catalog for details on the schools of study and programs of study offered at that institute.


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The six schools of study at the ITT Technical Institutes* School of Information Technology, School of Electronics Technology, School of Drafting and Design, School of Criminal Justice and Breckinridge School of Nursing and Health Sciences teach skills and knowledge that can be used to help pursue careers in our global technology-driven culture.

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- the occupations (by name and Standard Occupation Classification (“SOC”) codes) that each program of study can help students prepare to enter, along with links to occupational profiles on O*NET (or its successor site) associated with the SOC codes;
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*Not all ITT Technical institutes have all six schools of study. Please refer to the particular ITT Technical institute's school catalog for details on the schools of study at that institute.

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The Information Systems and Cybersecurity program in the School of Information Technology at ITT Technical Institute exposes students to fundamental knowledge and skills utilized in entry-level positions involving information systems and cybersecurity. The program introduces students to a variety of topics, such as assessing the security needs of computer and network systems, various computer and network safeguarding solutions, and managing the implementation and maintenance of security devices, systems, procedures, and countermeasures. This program offers graduates an opportunity to develop knowledge and skills that can help them pursue careers in a variety of entry-level positions involving information security.

Graduates of the Information Systems and Cybersecurity program in the School of Information Technology at ITT Technical Institute may pursue career opportunities in a variety of entry-level positions involving information systems and cybersecurity, such as Technical Support Analyst, Security Analyst, Network Administrator, IT Specialist, and Systems Administrator. These positions may involve the design, configuration, installation, and/or maintenance of information technology security systems.

**Some of the Courses in the Program:**
- Risk Management in Information Technology Security
- Network Communications Infrastructure
- Access Security
- Information Technology Infrastructure and Security
- Windows Security
- Security Issues in Legal Context
- Linux Security
- Security for Web Applications and Social Networking
- Security Policies and Implementation
- Hacking and Countermeasures
- Cybercrime Forensics
- Security Auditing for Compliance
- Introduction to Project Management

This program can help students develop knowledge and skills that they can use to perform tasks associated with maintaining different computer networks and operating systems. Topics in the curriculum, explored through classroom theory and practical applications in a laboratory environment, include network operating systems and network systems design and implementation. This program offers graduates an opportunity to develop knowledge and skills that can help them pursue careers in a variety of entry-level network systems administration and support positions, such as network administrator, network technician, network specialist, information technology specialist, local area network (LAN) or wide area network (WAN) administrator.

**Some of the Courses in the Program:**
- Computer Structure and Logic
- Introduction to Networking
- Client-Server Networking I & II
- Physical Networking
- Introduction to Programming
- Linux Networking
- Database Concepts
- Introduction to Information Security
- IP Networking
- Email and Web Services
- Network specialist
- Systems technician
- Information technology specialist

**A WORLD OF OPPORTUNITY IS WAITING FOR THOSE READY TO TAKE THE NEXT STEP FORWARD IN THEIR EDUCATION.**
Mobile Communications Technology

MCT n. (abbreviation of Mobile Communications Technology)
1. Skills and knowledge that can be used to help implement and support mobile devices and servers. 2. An Associate’s Degree program that focuses on analyzing, maintaining and troubleshooting electronic, digital, mobile and wireless communications systems at both the component and system levels.

The center of the wheel identifies the program. The inside ring names some of the courses within the program that can help the student develop skills and knowledge to obtain the type of entry-level positions identified in the outer ring.

Go to programinfo.itt-tech.edu to access information on the programs of study offered at the ITT Technical Institutes (*Programs*), including, among other things: the occupations that each Program can help students prepare to enter; the on-time graduation rate for each Program; the costs associated with each Program; the placement rate for students who completed each Program, and the median loan debt incurred by students who completed each Program.