

Los Medanos College

July 2021

Associate of Science – Information Technology

The Information Technology Associate of Science degree and the Basic and Advanced Certificates of Achievement program will prepare students for jobs in computer forensics and/or networking. These jobs require excellent technical skills and the ability to investigate and solve problems or crimes. Most organizations require network specialists. Given the rise in computer crimes, viruses, and computer hacking, the need for computer forensics professionals has increased in the government and in the private sector.

**Associate of Science – Information Technology Program Requirements:**

- COMSC-010 Introduction to Computer Networking – 3 units
- COMSC-011 Introduction to Network Operating Systems – 3 units
- COMSC-012 Introduction to Network Security– 3 units
- COMSC-040 Introduction to Computer Information Systems– 4 units
- COMSC-091 Information & Communication Technology Essentials – 4 units
- COMSC-120 Computer Forensic Fundamentals– 3 units
- COMSC-121 Introduction to Cybersecurity – Ethical Hacking -3 units
- BUS-059 Business Communications – 3 units
- MATH-110 Introduction to Statistics – 4 units

Choose one course from the following list:

- COMSC-044 Introduction to C++ Programming– 3 units
- COMSC-051 Java for Programmers– 3 units
- COMSC-122 Programming Concepts & Methodologies I – 3 units

*Total Units: 33*

*Total Units for the Degree: 60*

Major Total:	33 units
LMC GE Pattern:	18-19 units
Electives (as needed) (CSU transferrable):	8-9 units
Double-Counted:	0 units
Total Degree (maximum):	60 units