

INFORMATION TECHNOLOGY

<https://alamogordo.nmsu.edu/career-and-technology/index.html>
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The Associate of Applied Science degree in Information Technology is designed to provide the training and skills required for employment in the Information Technology (IT) career field. The expanding computer service industry offers numerous employment opportunities as it is one of the nation's fastest-growing job sectors. Information technologists are responsible for installing, maintaining, administering, and managing computer networks. This degree focuses on networking fundamentals, including network communication devices and protocols, network operating systems, personal computer (PC) hardware and software principles, PC and network security, support center operations and database management tools.

All Information Technology majors are required to complete an internship program within the sophomore year. The Network Operating Systems courses (I and II) **must be completed** in numerical order.

Students may apply the associate degree coursework towards a Bachelor Degree in Information and Communication Technology (ICT) offered at the Las Cruces campus. The Bachelor of Information and Communication Technology is available through NMSU Global at the Las Cruces campus.

Information Technology - Associate of Applied Science (<https://catalogs.nmsu.edu/alamogordo/degrees-certificates/information-technology/information-technology-associate-applied-science/>)

Graduates of this program will:

1. Utilize the Internet, basic application and system software to complete projects.
2. Configure various network devices and evaluate network standards, protocols, and cabling.
3. Install and configure multiple operating systems and manage software components.
4. Develop, debug, and design documentation for a basic computer program.
5. Install, configure, troubleshoot, and maintain computer hardware components.
6. Identify general information technology security and PC forensics concepts.
7. Recognize ethical and professional responsibilities in engineering situations and make informed judgements in varied context.

Career & Technology Division

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