COMPUTER AND INFORMATION TECHNOLOGY

Computer and Information Technology (CIT) is the discipline of using integrated computer-based systems to create, store, manipulate, secure, and share electronic data. At DACC, students can specialize in cybersecurity, data systems/analytics, network infrastructure, programming, and server administration.

For more information:

visit our webpage at https://dacc.nmsu.edu/academics/departments/computer-information-technology/

email us at cit@dacc.nmsu.edu, or

call us at 575-527-7663.

CIT is a rapidly evolving discipline that shapes the modern world. It encompasses various subdisciplines, including hardware, software, data, networking, and cybersecurity. Constant adaption and change drive advancements that impact all aspects of daily life, personal and professional. As technology becomes increasingly intertwined with daily life, cybersecurity has emerged as a vital concern. Cybersecurity professionals specialize in safeguarding data, integrated systems, and networks, from unauthorized access and attacks. They continuously develop strategies and tools to protect against cyber threats and ensure confidentiality, integrity, and availability of information.

In addition to cybersecurity, CIT professionals specialize in various subdisciplines, including system administration, networking, cloud computing, artificial intelligence, and Internet of Things (IoT). These specializations contribute to cutting-edge innovations that shape the future. As technology continues to advance, graduates from DACC remain at the forefront, shaping the digital landscape. Our students learn to work with applications and systems from leading technology companies such as Amazon, Apple, Dell, Google, Hewlett Packard, Microsoft, Oracle, Palo Alto, and Samsung.

CAREER OPPORTUNITIES

Graduates of DACC's Computer and Information Technology Department are the problem-solvers that employers quickly hire and promote. Many students start their careers immediately after earning their two-year degree while others continue to a four-year degree. Companies that employ our students include:

- AbsenceSoft
- Advanced Systems Development
- Amazon Web Services
- Apple, Inc.
- Army Research Laboratory (ARL)
- Belcan
- City of Las Cruces
- Deutsche Bank USA
- Dona Ana County
- Elephant Butte Irrigation District (EBID)
- First Savings Bank
- Indian Health Services
- Gadsden Independent School District
- Judicial Information Division of the New Mexico Courts
- Kirtland Air Force Base
- Las Cruces Public Schools
- Los Alamos National Laboratory (LANL)
- National Aeronautics and Space Administration (NASA)
- Native Joint Venture Corporation (NVJC)
- New Mexico Department of Agriculture
- New Mexico Department of Health
- New Mexico Department of Transportation
- New Mexico State University
- New Mexico Taxation and Revenue Department
- Peraton
- Performance Data Center
- Public Service Company of New Mexico
- Sandia National Laboratories
- Science Applications International Corporation (SAIC)
- Sierra Lobo
- Tata Consultancy Services
- United Services Automobile Association (USAA)
- United States Army Training and Doctrine Command
- United States Department of Defense
- United States Department of Energy
- United States Department of State
- Virgin Galactic
- VOLT Global
- Water Resources Research Institute
- White Sands Federal Credit Union

INDUSTRY CERTIFICATIONS

Students have opportunities to obtain industry certifications in the following fields of study:

- Coding and Programming
- Data Analytics and Management
- Device Configuration and Management
- Information Systems
- Internet of Things
- Network Administration
- Network Security
- Operating Systems
- Programming
- Security Analysis
- Server Administration

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