

COMPUTER AND INFORMATION TECHNOLOGY

DEPARTMENT OVERVIEW

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 analytics, database design/management, information security, network infrastructure, programming, and server administration.

Our students learn to work with applications and systems used by leading technology companies such as Amazon, Apple, Dell, Google, Hewlett Packard, Microsoft, Oracle, Palo Alto and Samsung.

Graduates will be prepared to:

- Accurately convey technical specifications;
- Assist developing business continuity strategies;
- Support diverse network topologies and data systems;
- Critically analyze technological problems and concerns;
- Understand and apply fundamental security operations; and
- Deploy cyber defense measures to protect data and infrastructure.

INDUSTRY PARTNERSHIPS AND CERTIFICATIONS

DACC's Computer and Information Technology Department instructs students using career-based scenarios and case studies by utilizing industry-standard software and hardware. The CIT Department partners with national academic alliances including the Cisco Networking Academy, the CompTIA Academy Partner Program, Oracle Academy, Palo Alto Cybersecurity Academy, and VMware IT Academy. Students in DACC's CIT Department have access to free software and are eligible to receive discounts when taking industry certification exams.

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
- Programming
- Security Analysis
- Server Administration

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 who employ our students include:

- AbsenceSoft
- Advanced Systems Development
- 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
- Kirkland 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

For more information:

visit our webpage at <http://dacc.nmsu.edu/cit> (<https://dacc.nmsu.edu/cit/>),
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