COMPUTER TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

60 credits

The Associate of Applied Science in Computer Technology prepares students for entry-level work in the IT field. Skills include PC repair, installing and configuring operating systems, managing network systems and installing and configuring standard business software.

Students must complete all University degree requirements, which include 12 - 14 credits of General Education requirements and elective credits to total at least 60 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

The New Mexico General Education (https://catalogs.nmsu.edu/grants/general-education/) course course list can be found here.

(See also Certificate in Computer Technology) (https://catalogs.nmsu.edu/grants/degree-certificate-programs/computer-technology/computer-technology-certificate/)

Prefix	Title	Credits
General Education		
This degree requires 12 - 14 credits from courses in the NM General Education Areas I, III and IV; students must select one course from the remaining areas to complete General Education requirements. [2]		12-14
Area I: Communications		
ENGL 1110G	Composition I	
Area III: Laboratory Sciences		
Select one Area III: Laboratory Sciences course (4 credits) [2]		
Area IV: Social/Behavioral Sciences		
Select one Area IV: Social/Behavioral Science Course (3 credits) [2]		
Select a course from one the following General Education Areas [2]		
Area II: Mathematics [1]		
Area V: Humanities [2]		
Area VI: Creative and Fine Arts [2]		
General Education Elective		
ENGL 2210G	Professional and Technical Communication	3
Core Requirements		
BCIS 1160	Windows	3
CIST 1117	Introduction to the Internet	3
CIST 1121	A+ Hardware and Operating Systems	3
CIST 1220	Programming Fundamentals	3
CIST 1411	Introduction to Networks	3
CIST 1413	Network Administration Concepts	4
CIST 1680	Linux Essentials	3
CIST 2210	Introduction to SQL (Structured Query Language)	3
CIST 2881	Cybersecurity Fundamentals	3
OETS 118	Mathematics for Technicians	3
or MATH 1215	Intermediate Algebra	
Electives, to bring the total credits to 60-62		
Select elective courses from CIST/FDMA/CSCI/ARTS/MATH/BCIS or BICT option		12
Total Credits		**60**

1. MATH 1220G College Algebra is required for the Bachelor of Science in Information & Communication Technology at NMSU Las Cruces and NMSU Global.
2. See the General Education (https://catalogs.nmsu.edu/grants/general-education/) section of the catalog for a full list of courses.

A Suggested Plan of Study

This roadmap assumes student placement in ENGL 1110G Composition I and MATH 1220G College Algebra. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year		
Fall		**Credits**
CIST 1117	Introduction to the Internet	3
CIST 1121	A+ Hardware and Operating Systems	3
CIST 1220	Programming Fundamentals	3
CIST 1411	Introduction to Networks	3
OETS 118 or MATH 1215	Mathematics for Technicians or Intermediate Algebra	3
	Credits	**15**
Spring		
BCIS 1160	Windows	3
CIST 1413	Network Administration Concepts	4
CIST 1680	Linux Essentials	3
CIST 2210	Introduction to SQL (Structured Query Language)	3
CIST 2881	Cybersecurity Fundamentals	3
	Credits	**16**
Second Year		
Fall		
ENGL 1110G	Composition I	4
Area III: Laboratory Science Course from the NM General Education list [1]		4
Area IV: Social & Behavior Science General Education Course		3
CIST/FDMA/CSCI/ARTS/MATH/BCIS Elective Courses		3
	Credits	**14**
Spring		
ENGL 2210G	Professional and Technical Communication	3
Select one course from General Education Area II, V, or VI [1]		3
CIST/FDMA/ARTS/MATH/BCIS Elective Courses		9
	Credits	**15**
	Total Credits	**60**

1. See the General Education (https://catalogs.nmsu.edu/grants/general-education/) section of the catalog for a full list of courses.

Program Manager: Michael Webb
Phone: (505) 287-6631
Email: mwebb@nmsu.edu

Office: McClure Hall, Room 304