

COMPUTER TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Are you looking for a high demand job in Computer Technology?

We have a completely online program that aligns
with industry certifications that will get you noticed.

Courses and their Industry Alignment

OECS 185 PC Maintenance and Repair I = Comptia A+

OECS 125 Operating Systems = Comptia A+

OECS 207 Windows = Microsoft Windows 10 Exam #70-697

OECS 204 Linux Operating System = Linux Exam LPIC-1 (101, 102)

OECS 105 Introduction to Information Technology = Overview

OECS 215 Spreadsheet Applications = Microsoft Office Specialist Exam #77-420

OECS 280 Desktop Publishing I = Adobe InDesign CS5 Exam #9AO-142

OECS 230 Data Communications and Networks I = Comptia Network +

OECS 231 Data Communications and Networks II = Comptia Network +

OECS 280 Desktop Publishing I = HTML 5/ CSS

Entry-level positions usually start around \$15 an hour or \$30,000 a year. For more information, search job sites like Indeed for A+ certification or Computer Technician. These positions are growing rapidly with new companies moving into new Mexico all of the time.

Our program also leads into the online Bachelor of Information Communication Technology at NMSU Las Cruces.

Feel free to contact the Program Manager, Sarah Johnson. See contact information under Contact tab.

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 60-62 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 (<http://catalogs.nmsu.edu/grants/general-education/>) course course list can be found here.

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

Prefix	Title	Credits
General Education		
Choose one course from four of the following six content areas for a total of 12-14 credits ^{1,2}		12-14
This degree requires courses from NM General Education Areas I, III and IV; students must select one course from the remaining areas to complete General Education requirements.		
Area I: Communications		
ENGL 1110G	Composition I	
Area III: Laboratory Sciences		
Select one Area III:Laboratory Sciences course ²		
Area IV: Social/Behavioral Sciences		
Select one of the following		
PSYC 1110G	Introduction to Psychology	
or SOCI 1110G	Introduction to Sociology	
Select one course from the following General Education Areas		
Area II: Mathematics		
Area V: Humanities		
Area VI: Creative and Fine Arts		
<i>General Education Elective</i>		
ENGL 2210G	Professional & Technical Communication	3
Core Requirements		
OECS 105	Introduction to Information Technology	3
OECS 125	Operating Systems	3
OECS 185	PC Maintenance and Repair I	3
OECS 204	Linux Operating System	3
OECS 207	Windows	3
OECS 230	Data Communications and Networks I	3
OECS 231	Data Communications and Networks II	3
OECS 255	Special Topics (Fiber Optic Termination)	3
OECS 269	Network Security	3
FDMA 1360	Web Design I	3
Electives, to bring the total credits to 60-62		
Select 15 credits from the following:		15
ARTS/FDMA/C S/OECS Electives ³		
Total Credits		60-62

1

Each course selected must be from a different area and students cannot take multiple courses in the same area.

2

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

3

OECS 195. Java Programming I is required for the Bachelor of Science in Information & Communication Technology at NMSU.

A Suggested Plan of Study

This roadmap assumes student placement in ENGL 1110G Composition I. 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
OECS 105	Introduction to Information Technology	3
OECS 125	Operating Systems	3
OECS 185	PC Maintenance and Repair I	3
OECS 204	Linux Operating System	3
OECS 207	Windows	3

Credits	15
----------------	-----------

Spring

OECS 230	Data Communications and Networks I	3
OECS 231	Data Communications and Networks II	3
OECS 269	Network Security	3
Any OECS/C S/FDMA Elective Courses		6

If all courses are completed, apply for the Certificate in Computer Technology

Credits	15
----------------	-----------

Summer

An OECS/C S/FDMA Elective Course	3
----------------------------------	---

Credits	3
----------------	----------

Second Year**Fall**

ENGL 1110G	Composition I	4
SOCI 1110G or PSYC 1110G	Introduction to Sociology or Introduction to Psychology	3
FDMA 1360	Web Design I	3
Select one 4 credit course from Area III: Laboratory Science Course from the NM General Education list ¹		4

Credits	14
----------------	-----------

Spring

ENGL 2210G	Professional & Technical Communication	3
OECS 255	Special Topics (Fiber Optic Termination)	3
Choose one course from General Education Area II, V, or VI ¹		3
C S/FDMA/OECS Elective Courses		4

Credits	13
----------------	-----------

Total Credits	60
----------------------	-----------

1

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

Program Manager: Sarah Johnson

Phone: (505) 287-6656

Email: sjohns10@nmsu.edu

Office: McClure Hall, Room 301