Suggested Pathway

10th Grade

• Computer Technology

• Computer Programming 1

11th Grade

•ALC A+ Computer Reapair & Maintenance

• ALC Microsoft Technology Associate

12th Grade

• ALC Network Security Fundamentals

• ALC Network +

• ALC Linux Fundamentals

• ALC Cisco Certification

Computer & Network

TECHNICIAN

Career and College Readiness

ALC
Advanced Learning Center

ALC

Advanced Learning Center
570 S. Main
Springville, UT 84663
801-489-2833
alc.nebo.edu

NEBO SCHOOL DISTRICT
...your partner in education

alc.nebo.edu

CAREER OUTLOOK

COMPUTER REPAIR AND MAINTENANCE:
2010 Median Pay $37,280 annually, $17.92/hour
Employment of computer repairers is expected to grow 7% from 2010-2020, slower than the average for all occupations. They will continue to be needed to repair malfunctioning equipment and provide preventive maintenance.

COMPUTER NETWORK SUPPORT:
2010 Median Pay $46,260 annually, $22.24/hour
Employment of computer support specialists is expected to grow 18% from 2010-2020,

about as fast as the average for all occupations. Applicants with a bachelor's degree and a strong technical background should have the best job opportunities.

COMPUTER SECURITY SUPPORT
2010 Median Pay $75,660 annually, $36.37/hour
Employment of information security analysts, web developers, and computer network architects is projected to grow 22% from 2010 to 2020, faster than the average for all occupations.

COMPUTER & NETWORK TECHNICIAN

MISSION

ALC Computer and Network Technician courses are designed to prepare students with the hands-on skills and knowledge needed to pass the certification exams companies require of Computer Technicians and Network Specialists. Courses cover a wide range of vendor and product neutral networking technologies.

Network+
Linux Fundamentals
Microsoft Certified Professional
Cisco Certified Networking
A+ Computer Repair
Security Fundamentals

COURSES

A+ Computer Repair & Maintenance:
Earning A+ certification requires students to possess the abilities, knowledge, and customer-relation skills essential for a successful entry-level computer service technician, as defined by experts from companies throughout the industry.

Microsoft Technology Associate (MTA):
MTA is a recommended entry point into IT certification and job preparation. Earning the MTA certification helps you stand out when submitting college and internship applications by proving your commitment and understanding of a variety of entry-level technology concepts. Pass just one exam and you'll earn a certification.

Network+:
Training for the Network+ certification exam involves gaining knowledge needed to configure and install the TCP/IP client and work as a network technician and administrator.

Technology

Computers
Setup Servers
Printers
Modems
Switches
Hand Tools
Multimeters
Oscilloscopes

Security Fundamentals:
This course provides students with network security information including industry-wide topics such as communication security, infrastructure security, cryptography, access control, authentication, external attack and operational and organization security in preparation for the Security+ IT industry certification exam.

Linux Fundamentals:
This course will provide students with a broad awareness of Linux operating systems. It will prepare students for the

CompTIA Linux+ IT industry certification exam by giving them experience installing, operating and maintaining Linux operating systems.

Cisco Certified Networking Associate:
The Cisco Networking Academy Program is a comprehensive course of instruction designed to teach students CCNA certification skills: install, configure, and operate simple-routed LAN, routed WAN, and switched LAN networks.