

INFORMATION SYSTEMS TECHNOLOGY: FIBER AND NETWORK TECHNICIAN, C.S.C.

Location(s): AL, AN, LO, MA, NOL, WO

NOVA Code: 221-299-27

Purpose

This program prepares students for entry-level employment in data centers and related industries that require technicians/technologists trained in engineering technology, information technology, fiber optics, electronics, and data processing. Coursework will prepare students to earn the A+ Hardware, A+ Software, Network Troubleshooting, ETA FOI (Fiber Optic), and OSHA 10 industry credentials.

Recommended Prerequisites

There are no required prerequisites for this certificate. It is recommended that the student possess proficiency in high school English, high school algebra, and geometry and possess the ability to utilize hand tools and instrumentation.

One Year

Course	Title	Credits
1st Semester		
ELE 150	A.C. and D.C. Circuit Fundamentals	3
ENE 108	Intro to Data Center Operations	3
ITE 152	Introduction to Digital and Information Literacy and Computer Applications	3
ITN 101	Introduction to Network Concepts	3
SAF 130	Industrial Safety OSHA 10	1
Credits		13
2nd Semester		
ELE 250	Fiber Optic Technology	3
MEC 270 or ITE 140	Computation for Engineering Technology or Spreadsheet Software	3
ITN 106	Microcomputer Operating Systems	3
ITN 200	Administration of Network Resources	3
Credits		12
Total Credits		25