

# GET CONNECTED

## AS A FIBER & NETWORK TECHNICIAN

Are you interested in hands-on work that really connects? As more and more information is available at your fingertips, the more vital it is to increase speeds for faster connectivity and easier downloads. There are great career opportunities as a Fiber and Network Technician because as information increases, so does demand for technicians.

**NOVA's Fiber and Network Technician Career Studies Certificate (C.S.C.)** is designed to prepare 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:** No required prerequisites for this certificate. It is recommended that students have proficiency in high school English, high school algebra and geometry, and possess the ability to utilize hand tools and instrumentation.

**C.S.C. Courses**  
(Career Studies Certificate)

**Semester 1**

**Credits: 13**

ELE 150	<b>A.C. and D.C. Circuit Fundamentals</b>	<b>3</b>
ENE 108	<b>Intro to Data Center Operations</b>	<b>3</b>
ITE 152	<b>Intro to Digital and Information Literacy and Computer Applications</b>	<b>3</b>
ITN 101	<b>Introduction to Network Concepts</b>	<b>3</b>
SAF 130	<b>Industrial Safety - OSHA 10</b>	<b>1</b>

**Semester 2**

**Credits: 12**

ELE 250	<b>Fiber Optic Technology</b>	<b>3</b>
MEC 270	<b>Computations for Engineering Technology - OR -</b>	
ITE 140	<b>Spreadsheets for Business</b>	<b>3</b>
ITN 106	<b>Microcomputer Operating Systems</b>	<b>3</b>
ITN 200	<b>Administration of Network Resources</b>	<b>3</b>

**Total Credits: 25**

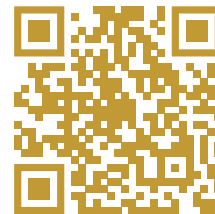


**Credit for Prior Learning (CPL) available for these courses:**

- ELE 250 - ETA Fiber Optics Installer
- ITE 152, ITN 101, & ITN 260 - Google IT Support Professional Certificate
- ITN 106 - CompTIA A+ Core Series
- SAF 130 - OSHA 10



**Scan Here**  
for Fiber/Networking  
CSC Catalog Listing



**Scan Here**  
for NOVA  
IET Website

**NOVA IET** is Northern Virginia Community College's Information and Engineering Technologies Division. Through degrees, certificates, transfer prep, and other programs, we prepare students to succeed in the in-demand fields of **Information Technology, Engineering Technology, Computer Science, Cybersecurity, Cloud Computing, Data Center Operations**, and more.