

# FIBER & NETWORK TECH

## HANDS ON, IN-DEMAND, ONLY 1 YEAR AT NOVA!

### What is Fiber & Network?

**Fiber** optic cables transmit data using light pulses. They are made of hair-thin glass or plastic strands, and are used in many ways, including telecommunications, internet, and cable TV.

**Networking** connects devices, computers, and servers, allowing seamless data sharing. Fiber supercharges networking and delivers ultra-fast, reliable connections over vast distances.

### Is Fiber & Network For You?

A career in Fiber and Network Tech is good for those who enjoy hands-on technical work, are comfortable with complex systems, have a strong interest in technology, and are willing to work outdoors to install and maintain fiber optic cables. This field offers solid job security and opportunities for career advancement due to the growing demand for high-speed internet infrastructure.



- Northern VA is one of the most fiber-rich regions in the world due to its high concentration of data centers.
- As a global internet hub, the need for techs to install, maintain, and expand fiber networks has surged.
- Emerging technologies like AI are pushing the need for more data centers and ultra high-speed internet.

## Why Come to NOVA?

NOVA is one of the largest community colleges in the country, with more than 70,000 students and over 2,600 faculty and staff members. We welcome students of all ages from all backgrounds with the goal of ensuring **every student succeeds, every program achieves, and every community prospers**. NOVA is the largest supplier of tech talent in the country and has exceptional educational value: Yearly tuition is less than \$6,000 and there are scholarship opportunities to offset the already low cost.

**At NOVA, you'll learn technical and interpersonal skills needed for networking careers. You'll be prepared for job opportunities such as networking specialist, computer network architect, or network and computer systems administrator.**

## Interested? Next Steps:

Check out NOVA's Networking Webpage:

>> <https://bit.ly/NOVAFiberNetwork>

Talk to a NOVA IET (Information and Engineering Technologies) Advisor at [ietadvising@nvcc.edu](mailto:ietadvising@nvcc.edu)

APPLY TO NOVA >> <https://www.nvcc.edu>

Check out your financial aid options at NOVA:

>> <http://bit.ly/NOVAFinAid>

See if you are eligible to receive college credit for learning gained in nontraditional ways with Credit for prior learning (CPL):

>> <https://www.nvcc.edu/admissions/cpl.html>

Apply to the WIOA YOUTH PROGRAM, which provides career coaching/mentorship, FREE skills training, PAID work experience, internships, and more:

>> <https://vcwnorthern.com/wioayouth/>

## Fiber & Network at NOVA

NOVA's 1-Year Certificate (C.S.C.) prepares students for entry-level employment in data centers and related industries that require technicians 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.

You'll learn from faculty who are experts in the latest technologies, networking, computer operating systems, and telecommunications. Classes will develop your practical skills for your future career and work with the most current technologies, platforms, and systems.

## Fiber & Network Technician SALARY National Avg/Year

**\$57,818**

ZipRecruiter 2024. Average yearly salary HIGHER in Northern Virginia.



Apply To NOVA



NOVA's Network Page



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Community College

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