

DATA CENTER OPERATIONS

HANDS ON, HIGH WAGE, ONLY 1-2 YEARS AT NOVA!

What is a Data Center?

A data center is a physical location that stores computing machines and their related hardware equipment. It contains computing infrastructure such as servers, data storage drives, and network equipment. It is the physical facility that stores a company's digital data. All the data you use on your phone, that streams to your TV, or is stored in the cloud goes through a data center.

What is Data Center Operations?

Data Center Operations (DCO) makes up the systems and workflows within a data center that keep the data center running. This includes installing and maintaining network resources, ensuring data center security, monitoring systems that take care of power and cooling, and other tasks. Data center technicians/engineers are in high demand in Northern Virginia and beyond.



- Northern Virginia is the largest data center market in the world, with over 45 companies.
- NOVA has the only fully accredited 2-year data center degree program in VA.
- NOVA has a pre-apprenticeship for students to start a career in DCO.

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.

NOVA is the best place to pursue DCO because Northern Virginia has the highest concentration of data centers in the world and the most available jobs, making data center employees IN-DEMAND.

DCO at NOVA

The DCO program at NOVA will give you the hands-on skills necessary to work in a data center or as a technician in one of the many companies that support the technology and infrastructure of data centers. **After only 1 or 2 years at NOVA you can go directly to the workforce making a high salary!**

NOVA's 1-Year Certificate (C.S.C.) prepares you to earn industry credentials for DCO and take on maintenance jobs. The C.S.C. stacks into the 2-year A.A.S. if you want to go further.

NOVA's 2-Year Associate Degree (A.A.S.) prepares you to work as a technician in a data center or at a company that supports data centers.

Interested? Next Steps:

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

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

Check out our ET CAREER SCHOLARS program for students focusing on DCO or Engineering Technology (ET), where you can get a FREE YEAR at NOVA, a certificate (CSC), and a guaranteed industry interview:
>> <https://bit.ly/ETCareerScholars>

Check out your financial aid options at NOVA:
>> <http://bit.ly/NOVAFinAid>

See if you are eligible for G3 TUITION ASSISTANCE, for students who qualify for state financial aid with a household income that's less than \$100,000:
>> <https://bit.ly/G3Tuition>

Apply to the WIOA YOUTH PROGRAM, which provides career coaching/mentorship, FREE skills training, PAID work experience, internships, and more:
>> <https://vcwnorthern.com/wioayouth/>

Data Center Operations
SALARY National Avg/Year
\$62,977

ZipRecruiter 2024. Average yearly salary HIGHER in Northern Virginia.



Apply To NOVA



NOVA's DCO Page



IET Newsletter

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