NOVA | Northern Virginia Community College

LEADING EDGE OF TECH
IN DATA ANALYTICS

NOVA is the Place!

Our **Data Analytics Specialization C.S.C.** (Career Studies Certificate) degree in Information Systems Technology can be completed in 1 year (even less if you have current industry certifications).

Data analysis gathers data and determines how it can be used to solve problems. Because it can help businesses receive key insights on their operations, Data Analytics applies to every industry and opens many job opportunities for you to explore.

The Data Analytics Program

The Data Analytics C.S.C. offers courses such as Applied Data Science Techniques, Adv. Applied Data Science Techniques, and Machine Learning that have been developed by NOVA faculty to offer students hands-on experience with big data and data analytics, including demos and applications of widely used tools and methods.

Upon completion, graduates are prepared to study for data analytics exams such as CompTIA Data+, Microsoft Certified: Data Analyst Associate and Google Data Analytics Certificate.

Prepare for the Future

There is immediate and significant demand of employers looking for people who can support the newest capabilities and advances in digital data analytics. Combining the C.S.C. degree with the potential to earn multiple industry certifications can make you a highly qualified and sought-after candidate. **Stay on the leading edge of tech at NOVA today!**

NOVA|IET
INFORMATION & ENGINEERING TECHNOLOGIES

For more info go to www.nvcc.edu/iet

DATA ANALYTICS C.S.C.

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

1st Semester Credits **13**

ITE	152	Intro to Digital and Info. Literacy and Computer App.	3
ITP	150	Python Programming I	4
ITD	132	Structured Query Language	3
ITD	145	Applied Data Science Techniques	3

2nd Semester Credits **9**

ITD	256	Advanced Database Management	3
ITD	140	Machine Learning I	3
ITD	245	Advanced Applied Data Science Techniques	3

Total Credits: 22

The one-year C.S.C. curriculum is designed to provide students with skills that support the newest capabilities and advances in digital data analytics. These new features in digital data analytics technology enable the data analyst to collect, analyze and make data accessible for making business decisions. This program focuses on training data analytics specialists who can provide these advantages to their employers and stay on the leading edge of technology. Upon completion, graduates are prepared to study for data analytics exams such as CompTIA Data+, Microsoft Certified: Data Analyst Associate and Google Data Analytics Certificate.

A total of 22 credits is required for the Data Analyics Career Studies Certificate (C.S.C). IT courses used for this program may not be more than 10 years old, unless approved by academic dean.

All first-time students must take a one-credit Student Development (SDV) course prior to enrolling in their 16th credit at NOVA.

CPL **Accepted Credit for Prior Learning (CPL) for Data Analytics.**

Students in this program may be eligible for credit for prior learning. See an academic advisor or counselor for further information.

For More Info about NOVA's
Data Analyics C.S.C. Degree go to www.nvcc.edu/iet

NOVAIET
INFORMATION & ENGINEERING TECHNOLOGIES

WE DO **STEM**
SCIENCE • TECHNOLOGY • ENGINEERING • MATH

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