EVERY STUDENT SUCCEEDS
EVERY PROGRAM ACHIEVES
EVERY COMMUNITY PROSPERS

Briefing to Fairfax County Economic Initiatives Committee
December 13, 2022

NOVA | Northern Virginia Community College

Northern Virginia Community College

NOVA at a glance:

- 3rd largest community college in nation and most diverse college in Virginia

- Average student is 24.4 and average class size is 24

- Region ranks 4th in nation in job openings but 18th out of 20 in labor force growth

NOVA is the top supplier of talent in the region with almost 80,000 students.

- **Loudoun** 18,242
- **Annandale** 15,921
- **Alexandria** 14,719
- **Manassas** 10,915
- **Woodbridge** 10,719
- **Medical Ed** 2,162

HS Dual Enrollment

- In Fall 2022, NOVA's HSDE program offered in partnership with Fairfax County Public Schools resulted in an effective scholarship for Fairfax families of over **$4,600,000**

- Enrollment in the program grew more than **30%** between Fall 2021 and Fall 2022

Accelerating degrees and **reducing** the cost of college!

4

Annandale Campus

As of 2022-2023

- 15,921 Unduplicated Students
- Average Age: 24.7; Median Age: 22
  - 44% are 18-21
- 48.5% are male; 50.6% are female
- 21% attend full-time
- 90% of students are in-state

- Diversity
  - 33% White
  - 24% Asian
  - 23% Hispanic
  - 11% African American
- 2,939 international students from nearly 160 countries

18.3% of 2021 Fairfax County H.S. Grads Attended NOVA

Transfer and Career Degrees

Robust Transfer Programs

- Engineering
- Sciences
  - Biology, Chemistry and Physics
- Psychology/Liberal Arts
- Languages

Unique Annandale Programs

- ASL (American Sign Language)
  - Articulation agreement with Gallaudet University signed in 2016
- Commercial Driver's License Program
- Architecture

BEC BUSINESS ENGAGEMENT CENTER

NOVA's Business Engagement Center—the first of its kind at a community college in the U.S.—is a **one-stop shop for all industry partnerships and collaborations.**

Through our **Guaranteed Interviews program,** employers get the first chance to hire our in-demand, highly-valued career pathway grads.
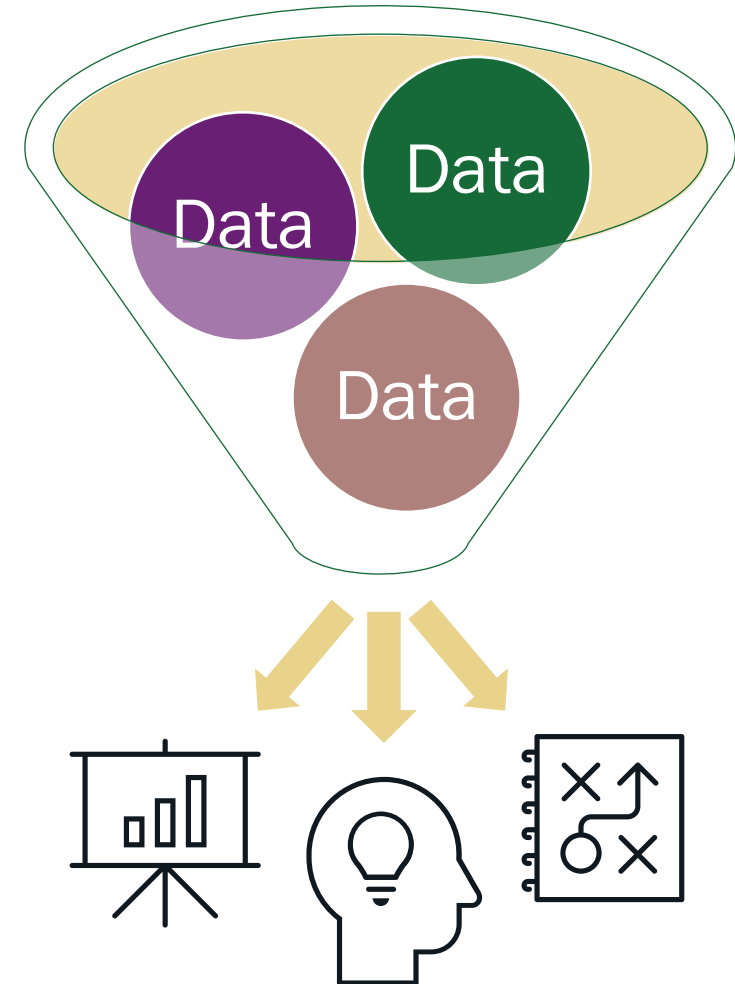
Register for a free employer account in Career Connection to post jobs and internships, join recruiting events and promote your own hiring events.

LABOR MARKET INTELLIGENCE AT NOVA

WHAT WE DO

Compile, analyze, and communicate economic, workforce, and demographic data to inform:

- Program offerings and curriculum alignment

- Career navigation & advising

- Business engagement

  - Advisory board committees

- Marketing and communications

- Grants and advocacy

- Community partnerships

- Regional analysis & research

INFORMATION TECHNOLOGY

PROGRAMMING & SOFTWARE DEVELOPMENT

NETWORKING & CYBER SECURITY

DATA & DATA WAREHOUSING

Certificate or Diploma (1–2 yrs.)
Diploma, Certificate, License, or Apprenticeship Programs

Computer Support Specialists	Computer Support Specialists	Computer Support Specialists
$19.09/hr. 6,166 Postings	**$19.09/hr.** 6,166 Postings	**$19.09/hr.** 6,166 Postings

Associate Degree (2 yrs.)

Web Developers, User Interface (UI) and User Experience (UX) Designers	Network/Systems Support Specialists	Web Developers, Network/Systems Support Specialists
$74,600 – $90,200/yr. 5,016 Postings	**$80,500/yr.** 753 Postings	**$80,500 – $90,200/yr.** 5,768 Postings

Bachelor's Degree (4 yrs.)

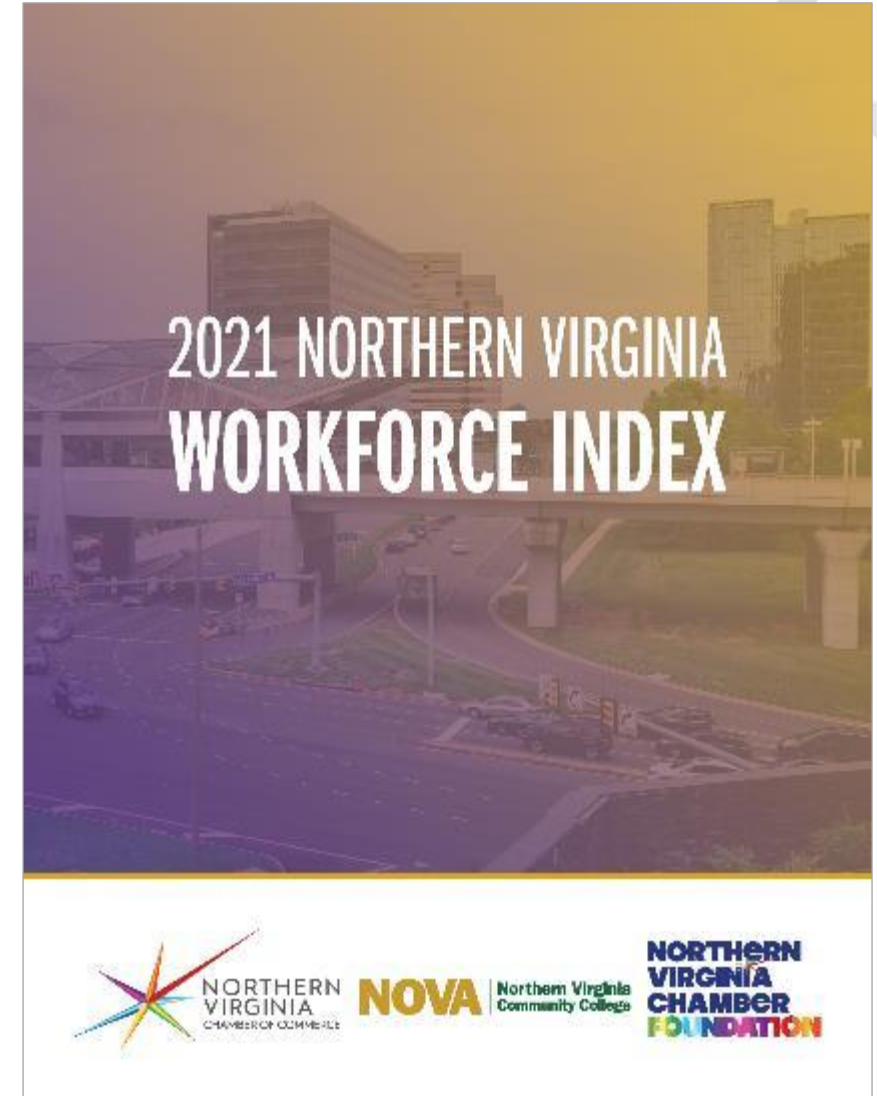|		
Software Developers and Engineers, Software Testers and Quality Assurance Analysts, IT Project Managers	Information Security Analysts, Systems Analysts, Network and Systems Administrators	Database Administrators, Data Analysts, Business Intelligence Developers
$98,700 – $128,900/yr. 51,011 Postings	**$98,700 – $131,200/yr.** 44,014 Postings	**$96,500 – $153,300/yr.** 17,028 Postings

NORTHERN VIRGINIA WORKFORCE INDEX

Annual survey of businesses in Northern Virginia, tracking regional trends in hiring, retention, educational requirements, and training/professional development

2021 Findings:

- Northern Virginia weathered the pandemic better than many other regions economically

- Businesses are still facing meaningful challenges in finding and hiring talent due to labor shortages.

- Most employers rely on traditional strategies for hiring and recruitment

- Opportunity for regional employers to **expand their talent pipelines through programs like apprenticeships.**

2021 NORTHERN VIRGINIA WORKFORCE INDEX

$54,114
MEDIAN SALARY OF APPLIED DEGREE GRADUATES (5 YEARS)

60.0%
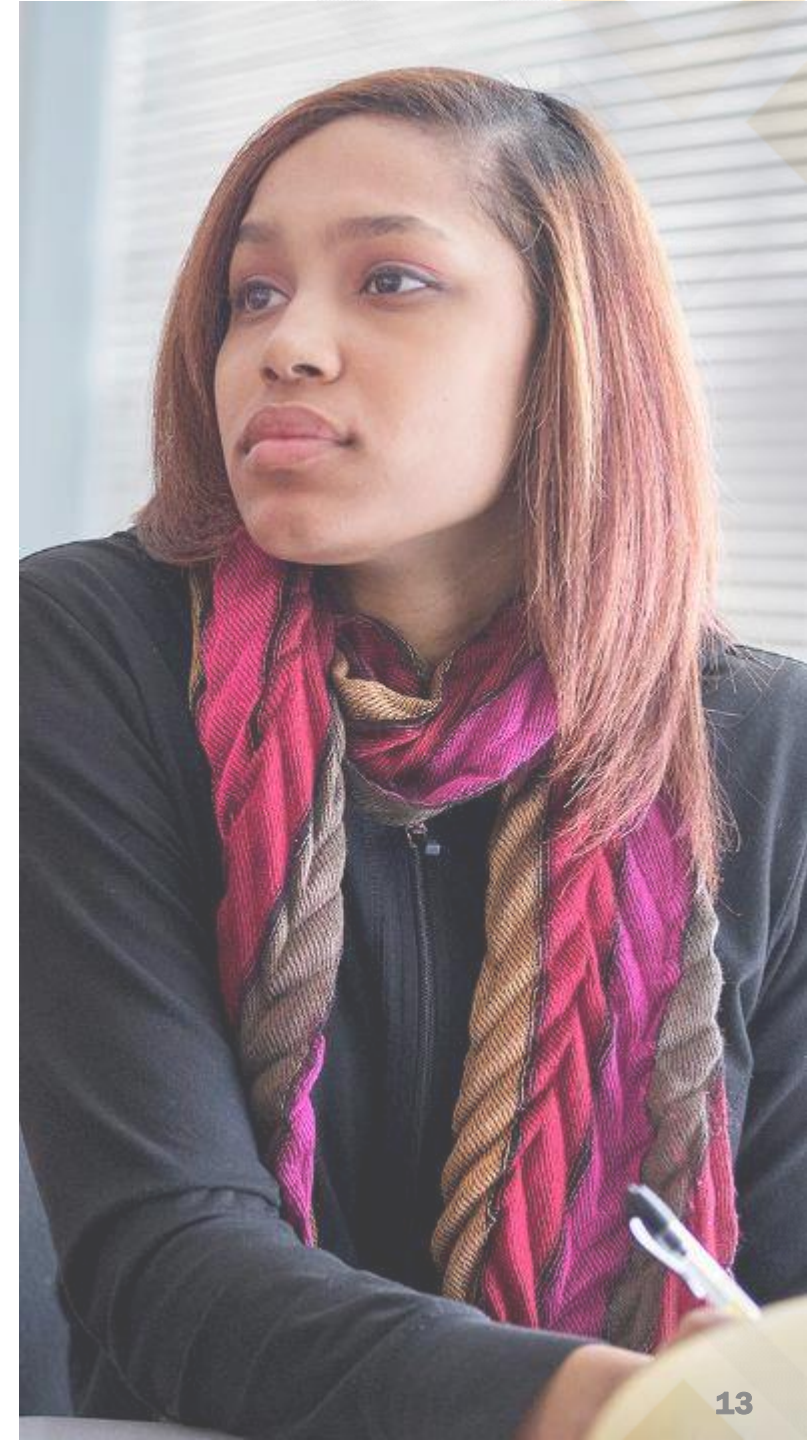OF APPLIED DEGREE GRADUATES HAD $0 IN DEBT AT GRADUATION

NOVA in Context Post-Pandemic

- Enrollment strongest among CCs in DMV

- Outpacing CCs nationally in enrollment

- Highest NOVA growth by percent in Fast Forward industry recognized credential programs

- Strongest credit enrollment in University Transfer, esp Business and IT, Health Care, and Career IT programs

- Recognized by the Harvard Workforce Project as one of five exemplary community colleges doing workforce right

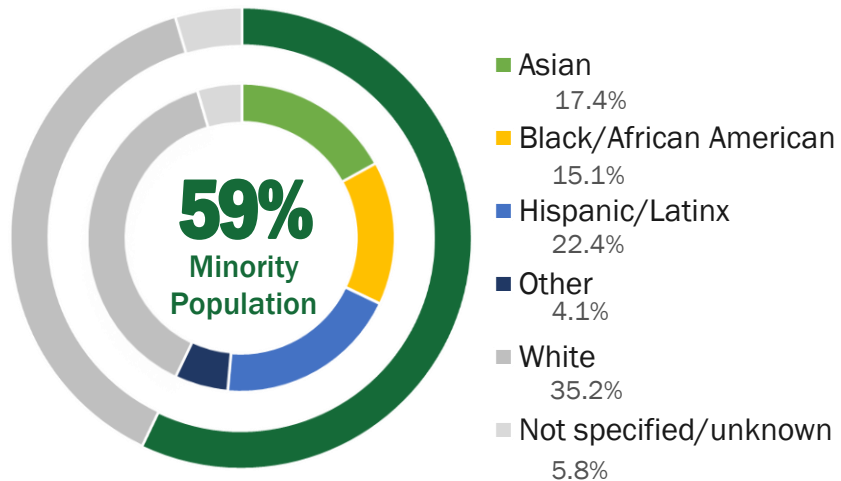- Recognized by the Aspen Institute for our ADVANCE partnership with George Mason University

OUR STUDENTS

NOVA welcomes students of all ages from all backgrounds. We serve first-time in college, returning and transfer students; full-time and part-time students; students with military affiliation; and students from all over the world.
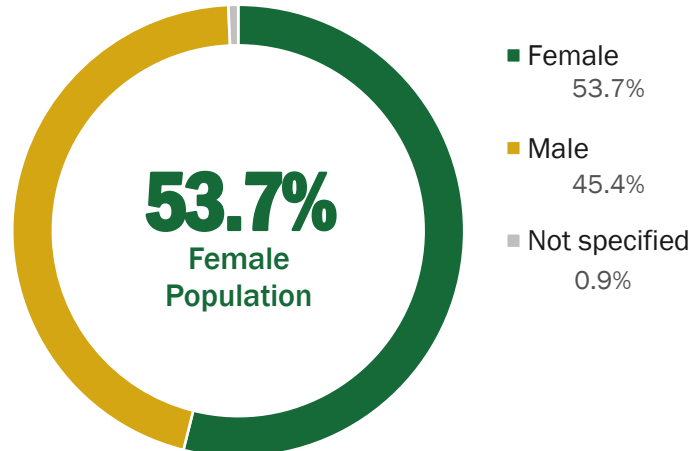
Our diverse students are the educated, well-rounded individuals that companies want to hire.

Race/ethnicity of students enrolled

59% Minority Population

- Asian
  17.4%
- Black/African American
  15.1%
- Hispanic/Latinx
  22.4%
- Other
  4.1%
- White
  35.2%
- Not specified/unknown
  5.8%

Gender of students enrolled

53.7% Female Population

- Female
  53.7%
- Male
  45.4%
- Not specified
  0.9%

Graduation Rates

Race	% of Graduates	% of Students
African American/Black	14.9	14.9
American Indian/Alaska Native	0.4	0.3
Asian	18.6	17.3
Hispanic/Latinx	24.3	23.3
Native Hawaiian/Pacific Islander	0.5	4.1
Two or More Races	4.8	5.0
Unknown	4.3	0.7
White	32.1	34.4

We are one of the nation's leading community college producers of IT associate degrees and credentials.

NOVA TECH ENROLLMENTS

4,600

STUDENTS

In Cloud, Cybersecurity, Data Center Operations, Engineering Tech, IT (AS), IT (AAS)

CREATION OF INDUSTRY-ALIGNED TECHNOLOGY PROGRAMS AT NOVA

- Cybersecurity

- Cloud Computing

- Data Intelligence course of study with USMC

- Engineering Technology – Mechatronics

- Engineering Technology - Data Center Operations

PROGRAMS IN DEVELOPMENT

- Software developer
  - Secure coding
  - Mobile app development
- Data Intelligence – career studies certificate and degree
- Security of Operational Technology/Critical Infrastructure
- Approval of additional industry credentials for credit
- Creation of guaranteed transfer pathways to senior institutes from NOVA's applied degree pathways
  - GMU, GWU, Marymount, Virginia Tech

Only VCCS Dedicated Medical Education Campus

HEALTHCARE ENROLLMENTS

OVER

2,100

STUDENTS

Biotechnology, EMS, Nursing, PT Assistant, Dental, Clinical Lab Tech

WITH MORE THAN 100 PROGRAMS

(CREDIT AND WORKFORCE), WE OFFER OUR STUDENTS THE OPPORTUNITY TO CHOOSE A PATH THAT WORKS FOR THEM

ADVANCE
A NOVA | MASON PARTNERSHIP

UNIVERSITY *of* VIRGINIA · VIRGINIA TECH. · VCU · OLD DOMINION UNIVERSITY · GEORGE MASON UNIVERSITY
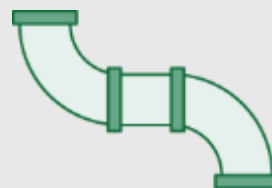
68.5%
of NOVA transfers enroll at four-year schools in Virginia.

NOVA has more than
50
Guaranteed Admission Agreements with four-year colleges and universities.

Approximately
3,000
students transfer from NOVA to Mason each year, making the NOVA/Mason transfer pipeline the most robust in the Commonwealth.

More than
3,000 current students enrolled in ADVANCE

41%
of traditionally underrepresented students (Latinx, Black, and Native American)

Average cost savings of
$22,000