



# INNOVATION CAMPUS OVERVIEW

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RELATIONS

CRYSTAL CITY CIVIC ASSOCIATION  
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## WHY THE INNOVATION CAMPUS?

In the digital economy,  
talent and technology are  
*the* drivers of national and  
global competitiveness.





INNOVATION  
CAMPUS



## OUR VISION

The Virginia Tech Innovation Campus is *both a place and a culture* that unlocks the power of diverse people and ideas to solve the world's most pressing problems through technology.

## AN ESSENTIAL PLACE

- 3.5 acres in the North Potomac Yard neighborhood of Alexandria, Virginia.
- The Southern Anchor of the National Landing Innovation District.
- Less than a mile from National Airport.
- Across the Potomac from Washington, D.C.
- Served by the “Potomac Yard—VT” Metro station.

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## UNIQUE GRADUATE EDUCATION

- Master of Engineering (M.Eng)
- Project-Based Education
- PhD/MS in a “Use-Inspired” Environment
- Post-Doctorate Appointments



## RESEARCH FOCUS AREAS

- Artificial Intelligence/ Machine Learning
- Quantum Architecture and Software Development
- Intelligent Interfaces
- Next Gen Wireless







# OUR COMMITMENT TO DIVERSITY AND INCLUSION

Making the Innovation Campus *the* most diverse graduate tech program in the nation.

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# MASTER OF ENGINEERING ENROLLMENT BY THE NUMBERS

## DEGREE CONFERRALS



Master of Engineering degrees awarded in 2023-24 – and growing!

## FALL 2024 PRELIMINARY ENROLLMENT\*



New and continuing students



New and continuing in-state students



Domestic students



Women



Underrepresented minority students



\*Virginia Tech Innovation Campus M.S. and M.Eng degrees in D.C. Area. Data as of August 30, 2024.





## PROJECT BASED LEARNING

- In contrast to most M.Eng programs, the Virginia Tech Innovation Campus M.Eng degree will be primarily based on completion of a collaborative, externally sponsored project.
- Students will be divided into teams, each of which is paired with a faculty mentor and personnel from the sponsor.

### CURRENT PARTNERS

- Boeing
- Collins Aerospace
- Deloitte
- Northrop Grumman
- Torc Robotics
- U.S. Marine Corps

### BY THE NUMBERS AT FULL BUILD

**100+**

Projects per year

**5-6**

Graduate students  
per team



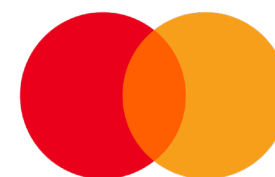
# INNOVATION CAMPUS DEGREE OUTCOMES

## POST-GRADUATION TITLES

- Cloud and Automation Engineer
- Data Engineer
- Data Scientist
- Distance Learning Assistant
- Front End Developer
- Java Full Stack Developer
- Machine Learning Engineer
- Software Engineer
- Software Developer
- Systems Engineer



Booz | Allen | Hamilton



mastercard





# INNOVATION CAMPUS BY THE NUMBERS

**3.5**

-Acre campus.

**50**

Top-tier tenure-line  
and research  
faculty hires, by  
2030.

**750**

Master's  
enrollment  
candidates at  
scale.

**2,000**

Increase in  
computer science  
undergraduate  
enrollment at the  
Blacksburg campus.

**60,000**

Number of Virginia  
Tech alumni living  
in Northern  
Virginia.



## ACADEMIC BUILDING ONE

- Groundbreaking September 2021
- Opening January 2025
- 11 stories; 300,000 square feet
- State-of-the-art digital capabilities, cutting-edge research labs
- Dedicated space for K-12 programming





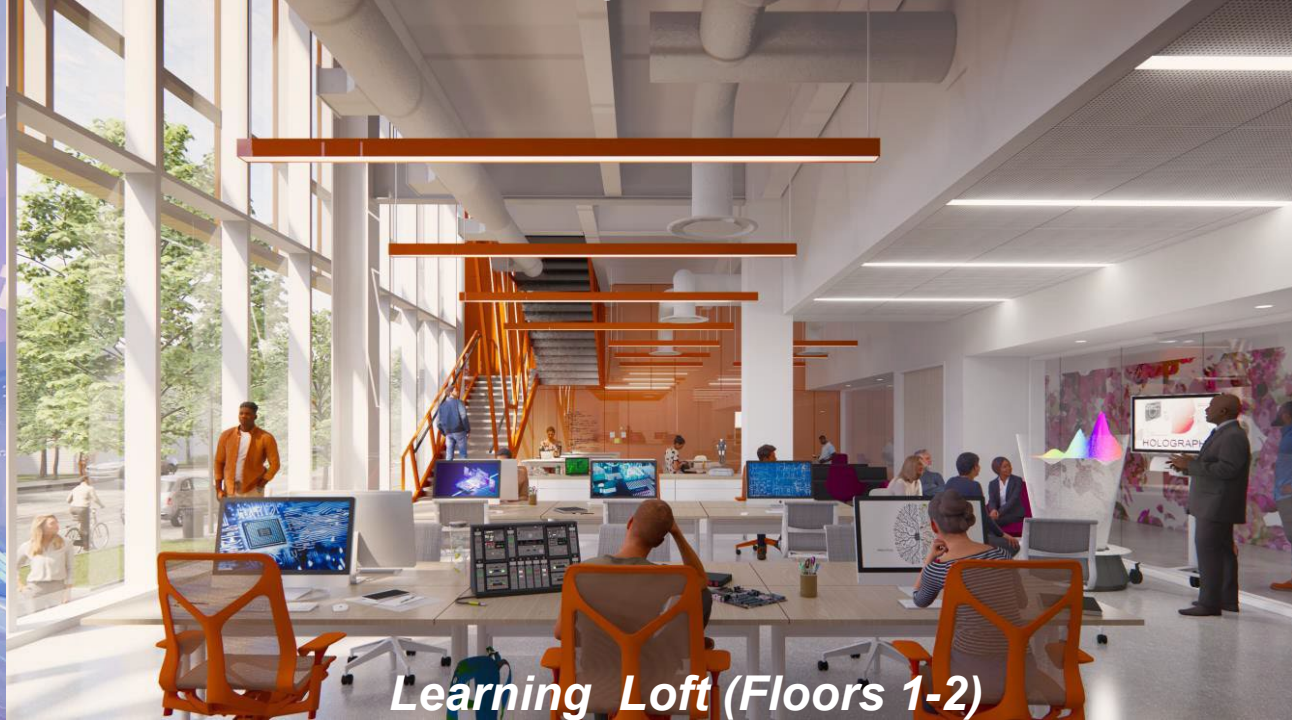
**Boeing Auditorium (Floor 1)**



**Lobby (Floor 1)**

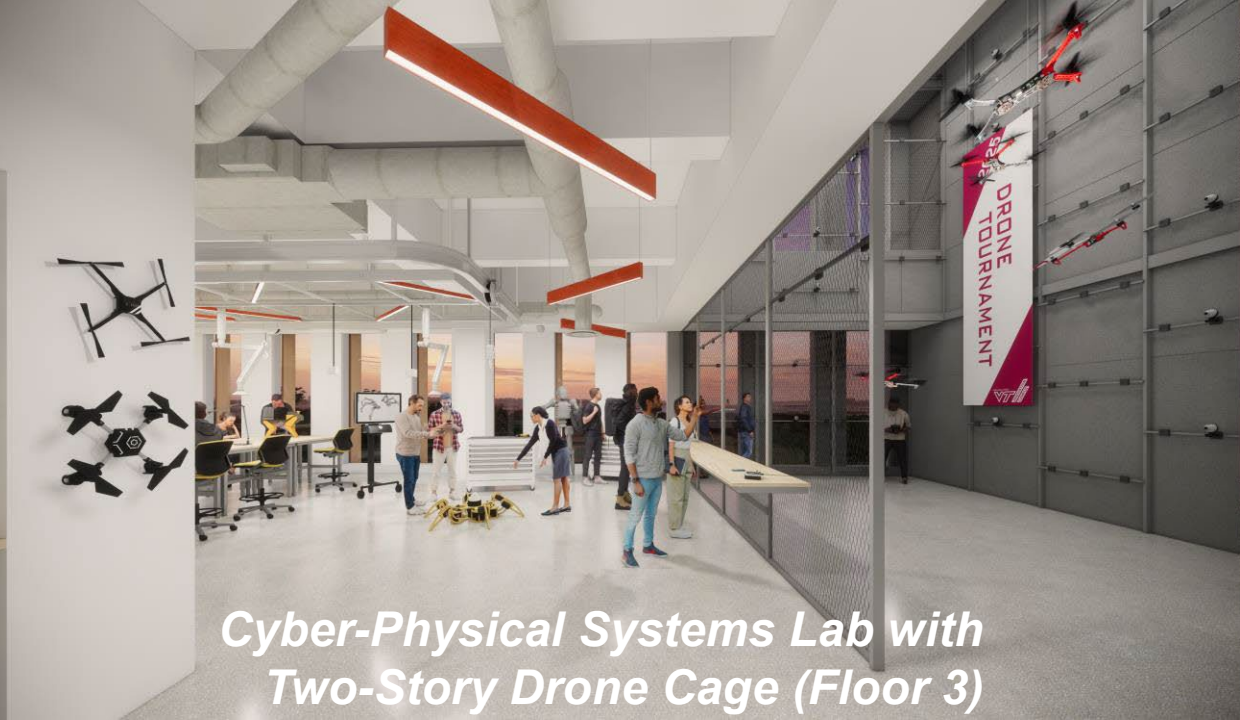


**Immersive Visualization Lab (Floor 1)**



**Learning Loft (Floors 1-2)**





*Cyber-Physical Systems Lab with Two-Story Drone Cage (Floor 3)*



*Learning Commons (Floor 5)*



*Sanghani Center (Floor 5)*



*Tree House (Floor 8)*





March 2021



October 2022



May 2023



September 2024

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# MILESTONES

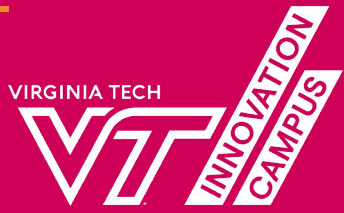
- Formation of Advisory Board
- Boeing \$50 million gift
- Groundbreaking
- Northrop Grumman partnership
- First faculty cohort announced
- Growing our team
- 500+ students enrolled
- Preparing for launch in January 2025







THANK YOU!



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