VaughnCollege

ENGINEERING AND TECHNOLOGY PROGRAM

IGNITE WORLD-CHANGING INNOVATIONS WITH AN ENGINEERING AND TECHNOLOGY DEGREE

Interested in designing and building innovative structures and processes that solve problems and enhance how we live, work and play? The demand for exceptionally trained electrical, mechanical and mechatronic engineers is greater than ever before due to the rise of renewable energy, increasing automation in the automotive industry, infrastructure development, the need for cybersecurity expertise in data-driven industries and technological advancements in 3D printing, robotics and uncrewed aerial vehicles.

Vaughn has added degrees in computer engineering and computer science to meet the rising need for skills in cybersecurity and artificial intelligence. A degree or certificate in engineering and technology from Vaughn College will ensure you'll graduate with a futureproof career. Through theory, research and hands-on technical practice, you'll develop the critical thinking and problem-solving skills to excel in any industry. Our world-class mechanical, mechatronic and electrical engineering programs are accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET).

ENGINEERING AND TECHNOLOGY PROGRAMS

BACHELOR OF SCIENCE (BS)
- Computer Engineering
- Computer Science
- Electrical Engineering
- Electronic Engineering Technology: Avionics
- Electronic Engineering Technology: General
- Mechanical Engineering
- Mechanical Engineering Technology: Aeronautical Option
- Mechanical Engineering Technology: Computer-Aided Design Option
- Mechatronic Engineering

ASSOCIATE IN APPLIED SCIENCE (AAS)
- Aeronautical Engineering Technology (Pre-Engineering)
- Animation and Digital Technologies
- Electronic Engineering Technology: Avionics

CERTIFICATES AND PROGRAMS
- Composite Manufacturing
- Computer Numerical Control Subtractive Manufacturing
- Computer-Aided Design for Additive and Subtractive Manufacturing
- Uncrewed Aerial System Design, Application and Operation

From day one, Vaughn College connects you with the right people, activities, clubs and opportunities to support your studies, help build your network and advance your career.

CLUBS AND ACTIVITIES

COCURRICULAR

Student organizations that are professional or academic-based groups:

- Robotics Club
- Rover Club
- Uncrewed Aerial Vehicles Club

PROFESSIONAL ORGANIZATIONS

Student-run organizations that have a national affiliation with a professional group:

- Engineers without Borders
- National Society of Black Engineers
- Society of Hispanic Professional Engineers
- Society of Women Engineers

"I landed my job at Collins Aerospace after attending the Society for Hispanic Professional Engineers conference through Vaughn's network. After learning about the company, I realized it was a place where I could grow and diversify my skillset in engineering."

KIREI WATSON '19
Mechatronic Engineering
Rotational Program Engineer
Collins Aerospace

"As part of my full tuition four-year LaGuardia Redevelopment Opportunity Scholarship, I received a paid summer internship working at the general manager's office at LaGuardia Airport, helping to keep employees informed about developments at the airport. This internship will open a lot of doors for my future."

ANTON DEGUZMAN '24
Mechatronic Engineering
LaGuardia Redevelopment Opportunity Scholarship Recipient

PUT YOUR DREAM CAREER WITHIN REACH AT VAUGHN

- Boeing Company
- Butler Aerospace & Defense
- Daimler Truck North America
- GE Renewable Energy
- John Deere
- Lockheed Martin
- Magellan Aerospace
- NASA
- Naval Air Systems Command
- New York State Department of Transportation
- Pratt & Whitney
- Safe Flight Instrument Corporation
- Sikorsky Aircraft
- SpaceX
- Volvo Trucks
- Whirlpool Corporation
- Wunderlich-Malec Engineering

Drone Pilots
$100K*
average annual salary

*Per Lightcast career data

READY FOR THE NEXT STEP?

Connect with an admissions counselor by sending an email to **admitme@vaughn.edu**.

We can't wait to help you launch your future.