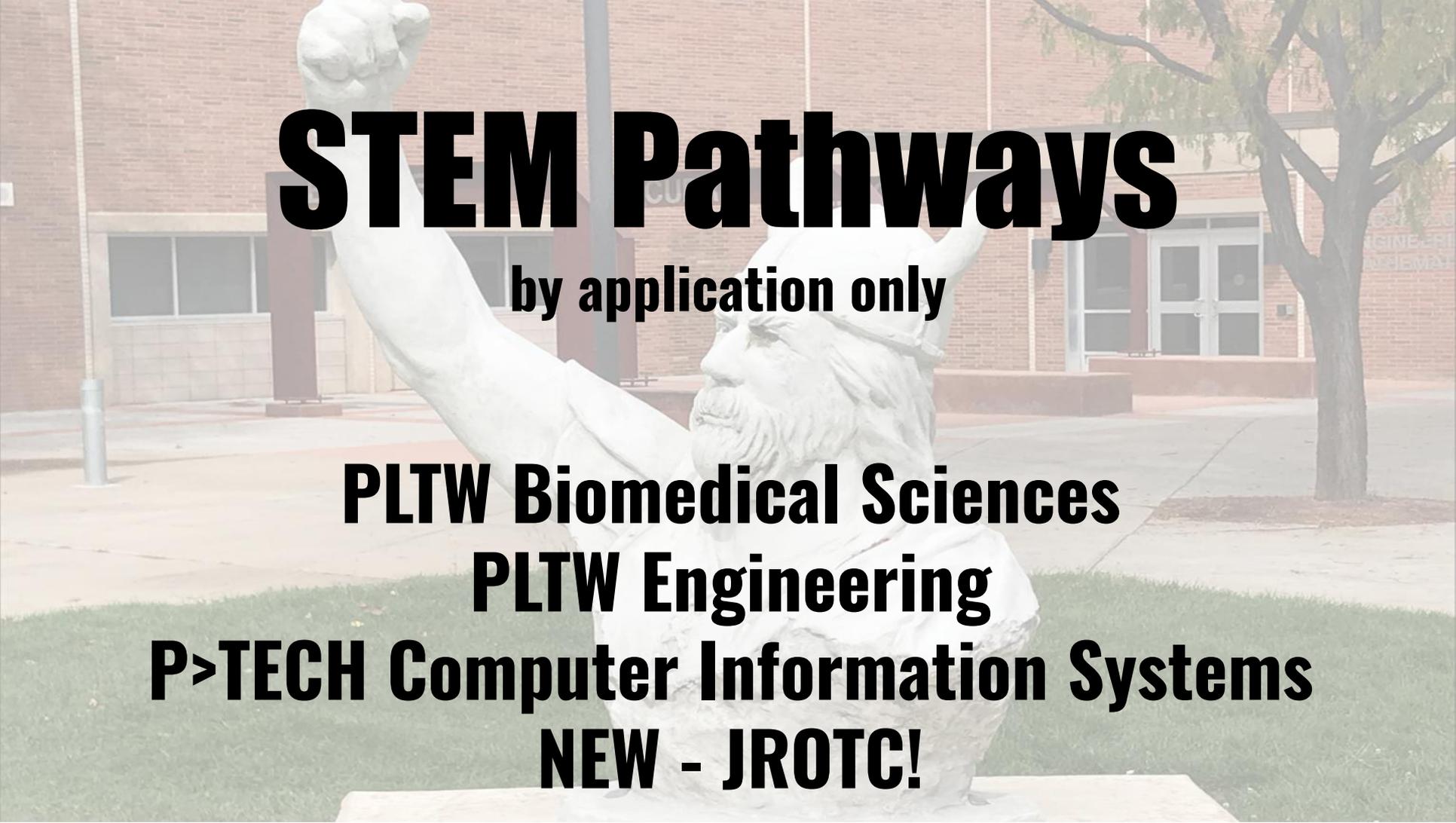


# Opportunity Night

## Welcome Northglenn Norsemen Class of 2030





# **STEM Pathways**

**by application only**

**PLTW Biomedical Sciences**

**PLTW Engineering**

**P>TECH Computer Information Systems**

**NEW - JROTC!**

# Northglenn HS Points of Pride

- **57 All-Conference & 4 All-State Athletes**
- **Individual State Champion, 1 All State Choir**
- **Impressive AP Results: 256 students scored 3 or higher out of 297 tests administered, with 21 AP Scholars, 4 AP Scholars with honors, 7 AP Scholars with Distinction and 5 earning the AP Capstone Diploma**
- **6 students recognized with the College Board National Hispanic Recognition Award**
- **55 P>TECH students have graduated with their Associates - Debt FREE!**
- **9 Boettcher Scholars, 1 Daniels Fund, and 1 Gates Millennial**



northglennxc  
🎵 Empire Of The Sun · Walking On A Dream



👍 🗨️ 📌  
👤 Liked by northglenn.hs.athletics and 87 others

ngh\_choir



👍 🗨️ 📌

nghs\_\_marchingband  
🎵 Childish Gambino · Me and...

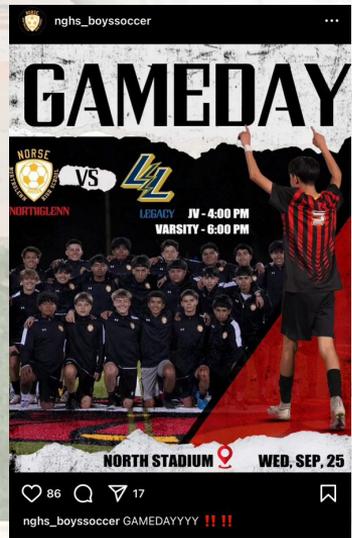
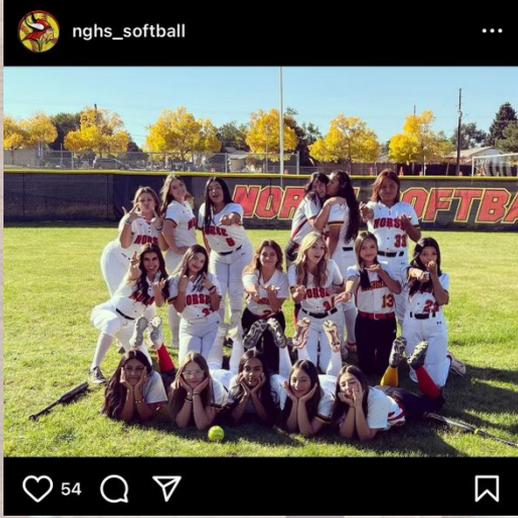


👍 29 🗨️ 📌 7  
nghs\_\_marchingband Thank you to

nghs.fccla  
Adams 12 Five Star Stadium



👍 11 🗨️ 📌  
nghs.fccla takin out the trash 🤔



# **PTECH - Computer Information Systems**

**MS:** Silver Hills Middle School

**College:** FRCC → CU Boulder, UNC, or Mines

Involved in: Student Council (Head Norse), NHS, STEM NHS, Theatre, Link Crew, New Student Mentor, Gifted & Talented, Camera Operator @ Victory Church

After high school I plan to finish the P>TECH program at FRCC and get my associates degree in CIS. Afterwards, I would like to further my education and transfer my credits to another school, and possibly pursue a career in theatre, or with a tech company with my CIS degree.



*Denon Davey*

**\*P>TECH: Free Associate's Degree In Computer Information Systems**

# Biomedical Sciences

**MS:** Thunder Vista P-8

**College:** University of Hawaii, Manoa

**Involved in:** American Football, Wrestling, National Honor Society, STEM National Honors Society, Civil Air Patrol, and LINK Crew

**After High School,** I plan to attend College and receive a Nursing degree. After that I plan to enlist as an Officer in the United States Coast Guard or Navy



*Nakoa  
Fernandez*

# Biomedical Sciences

**MS:** Northglenn Middle School

**College:** Harvard University, or any Ivy League/top university

**Involved in:** STEM National Honors Society, HOSA (Health Occupations Students of America), STEM Blazers, National Honors Society, Gifted and Talented, Democracy Club, Crochet Club, Culture Club Orchestra, Powder Puff, Girls Soccer, and Girls Basketball

**After High School,** I would like to go to a top university like Harvard and major in neuroscience. Then, I would like to go to a good medical school, residency, fellowship, and hopefully become a physician or surgeon in neurology or cardiology as a backup.



*Ilyna  
Saidi*

# Engineering

**MS:** Global Village Academy

**College:** MIT, CU Boulder or another state university

**Involved in:** Stemblazers, National Honor Society, STEM National Honor Society, and Theatre

**After High School,** I would like to go to college for mechanical engineering and go into the field of mechanical engineering design to start my professional career.



*Kaia  
Corujo*

# Engineering

**MS:** STEM Lab

**College:** CU Boulder or School of Mines

**Involved in:** Cross Country, Boys Wrestling, ACE (Architecture, Construction, Engineering), National Honor society, and National STEM honor society

**After High School:** After High school I would like to pursue a career in Aerospace or Mechanical engineering. Then after a few years in the field, go back to college for a Masters or Doctorate degree and work at NASA.



*Trey  
Rico*

# AP Courses & Other College Level Courses

## AP Level Courses

- AP Language
- AP Literature
- AP Seminar
- AP Research
- AP A/B Calculus
- AP B/C Calculus
- AP Statistics
- AP Biology
- AP Computer Science
- AP Chemistry
- AP Physics (1,2,C)
- AP Environmental Sci
- AP US History
- AP World History
- AP US Government
- AP Psychology
- AP Spanish
- AP French

## Dual Enrollment Courses

- Calculus 3
- All PLTW Biomed & Engineering Pathway Courses - offers 3 UCCS per year (engineering and biology)

## Concurrent Enrollment Courses

- All P>TECH Coursework is over \$12,000 value
- Early Childhood Education -Certificate - FRCC
- US History - FRCC
- College Algebra - FRCC
- Technical Writing - FRCC

# Elective Courses

## ART

Ceramics  
Drawing & Painting  
Foundations of Art  
Photography

## CTE

Business Entrepreneurship  
Intro to Business  
Principles of Marketing  
Catering  
Culinary Essentials  
Food Science  
Child Development  
Interpersonal Relationships  
Life Management  
Fashion Design & Merch  
Interior Design - Commercial  
Interior Design - Residential

## PERFORMING ARTS

Chamber Choir  
Concert Choir  
Music Fundamentals  
Vocal Jazz  
Drama  
Tech. Theatre  
Theatre  
Concert Band  
Concert Orchestra  
Jazz Band  
Symphonic Band  
Symphonic Orchestra

## PHYSICAL EDUCATION

Bowling  
Healthy Choice  
Intro to Fitness  
Racket Sports  
Soccer/Floor Hockey  
Team Sports  
Walking for Wellness  
Weight Training



# JROTC at Northglenn HS

- We are excited to share that beginning in the 2026-27 school year, Northglenn High School will be the host site for the U.S. Army JROTC program for all Adams 12 high schools.
- It provides opportunities to build leadership, teamwork, and confidence.
- There is no military service requirement.



***"Today we learn - tomorrow we lead"***

# Academic Data

**Since the conception of the STEM Pathways Program at NGHS, our STEM students have out performed the district and state test averages.**

## 2025 Test Scores

**STEM Pathway SAT Average: 1061**

**12 of the 96 11th grade pathway students scored 1310+**

**State SAT Average: 978**

**District SAT Average: 984**



# Scholarships

for graduated STEM Pathway Students

In the class of 2025

**\$3,986,148**

# Universities and Colleges

## that Accepted Northglenn STEM Pathway Students in 2025

Adams State University

Aims Community College

Arapahoe Community College

Arizona State University

Brigham Young University

Chadron State University

Chaminade University of Hawaii

Colorado Mesa University

Colorado Mountain College

Colorado School of Mines

Colorado State University

Colorado State University-Pueblo

Community College of Denver

Embry-Riddle Aeronautical University

Emily Griffith Technical College

Front Range Community College

Grand Canyon University

Harding University

Hastings University

Lincoln College of Technology

Metropolitan State University

Millikin University

Northeastern Junior College

Northern Arizona University

Oregon State University

Otero Junior College

PIMA Medical Institute

Red Rocks Community College

Regis University

Rocky Mountain College of Art +Design

South Dakota School of Mines

Texas State University

Texas Tech University

University of Arizona

University of Colorado Boulder

University of Colorado Colorado Springs

University of Colorado Denver

University of Denver

University of Hawaii-Manoa

University of Kansas

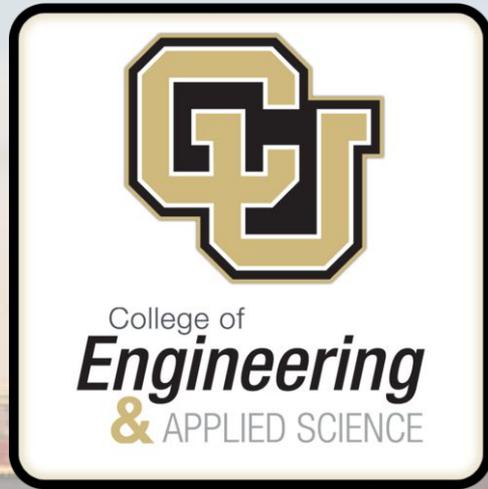
University of Northern Colorado

University of Oregon

University of Wyoming

Western Colorado University

# Matriculation Agreements



# What makes Northglenn Unique

- **Problem Based Learning (PBLs)**
  - Industry experts and partners vet student solutions
  - PBLs are done in all content areas
- **STEM is integrated schoolwide: Every Student, Every Class**
- **Guaranteed Acceptance for PLTW students at select Universities**
- **FREE associate's degree for P>TECH students**
- **Industry, Municipality, and Non-Profit Partnerships**
- **STEM National Honor Society**
- **Industry Certifications through PLTW curriculum**

# Partners of Northglenn High School



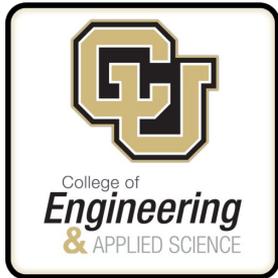
Solid Power

CableLabs®

KYRIO | SCTE.



FRONT RANGE  
COMMUNITY COLLEGE



anythink™  
A REVOLUTION OF RANGEVIEW LIBRARIES



University of Colorado  
SCIENCE  
DISCOVERY



American  
Heart  
Association.



BUTTERFLY  
PAVILION



STEMWORKS  
CERTIFIED



Junior  
Achievement®



Children's Hospital Colorado



mindSpark



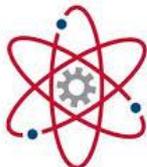
A Precious Child



Northglenn



Anatomy  
in Clay  
Centers  
a Formative Haptics™ Program



PROJECT LEAD THE WAY

PLTW



LOCKHEED MARTIN



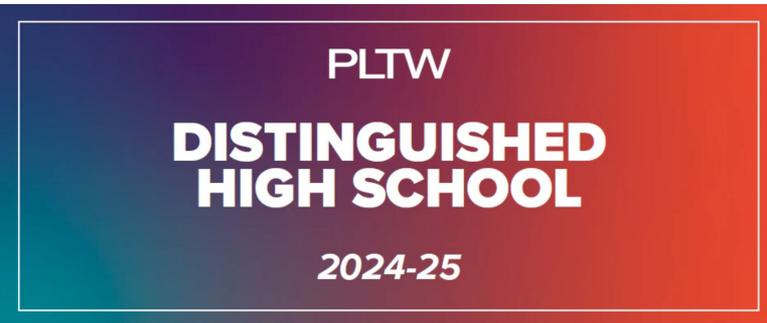
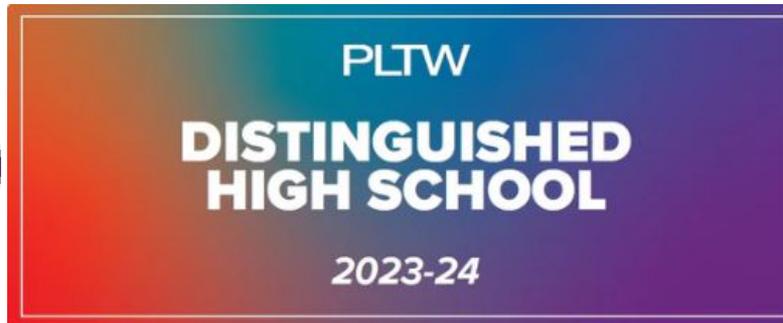
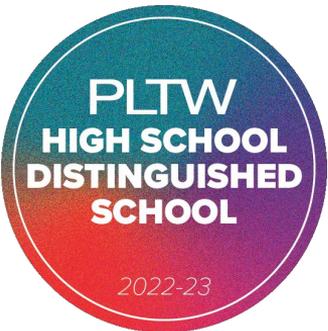
MSU  
DENVER

# STEM Pathways



## Biomedical Sciences or Engineering

- One class per year on NHS Campus
- Hands-on learning
- Dual enrollment credit opportunity through UCCS

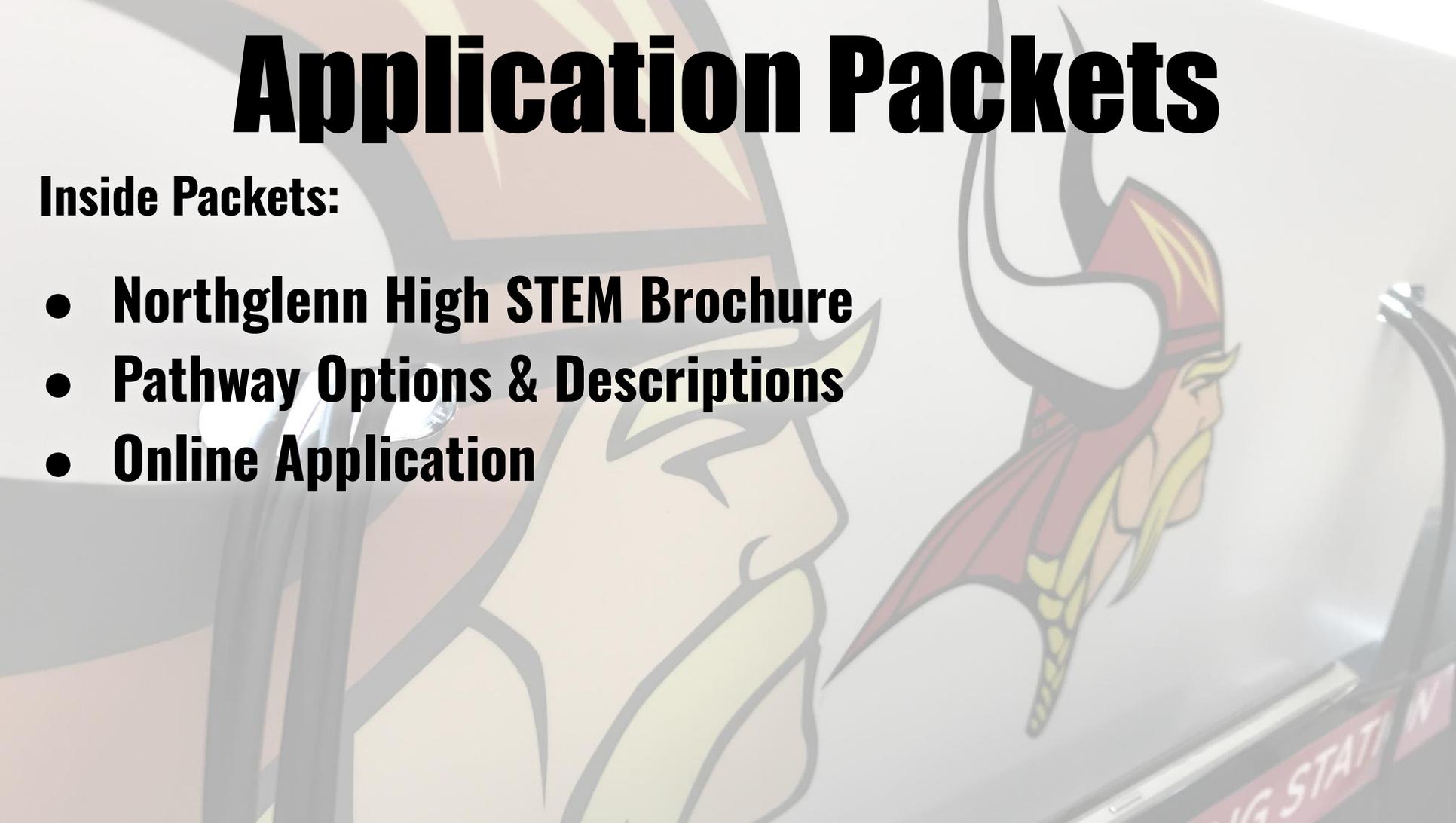


# STEM Pathways - P>TECH

- Open to all students with an emphasis on underrepresented populations in the industry;
- Earn Computer Info. Systems Associate's Degree (FREE!);
- 9-12th grade - classes at NHS; Year 5 is at FRCC;
- Summer camps hosted by our industry and education partners
- See table at end for program outline for more info



# Application Packets

The background of the slide is a light gray with a large, stylized illustration. On the left, a hand is shown holding a pen, with the pen tip pointing towards the right. On the right, there is a profile of a Viking warrior wearing a red and yellow horned helmet. The overall style is graphic and modern.

## Inside Packets:

- **Northglenn High STEM Brochure**
- **Pathway Options & Descriptions**
- **Online Application**

# **Northglenn HS Open House**

- **Join us on Wednesday 11/19 from 6:00-7:30 pm for our Open House**
- **Tour our facilities and talk with current students**
- **Park in the lot off 102nd and Huron then enter the school through the red “Explore” arches**



# **Questions?**

**Thank you for joining us!**

**Please visit the tables around the room to  
ask your questions and learn more about  
our school.**