

Understanding Options at Northglenn HS STEM

STEM for All Students

In every classroom students experience an inquiry educational approach that uses problem-based learning (PBLs). In each discipline, students address authentic problems using 21st century skills, looking through a variety of lenses. Students present their recommendations to panels of industry experts. All departments have increased students' exposure to science, technology, engineering, and math standards.

PLTW Pathways Program*

Elective-based four-year programs in Engineering and Biomedical Sciences. See website for pathway specifics. A few distinctives:

- Priority scheduling
- Industry mentorships
- Able to earn a letter in STEM
- Earn college credit starting freshmen year
- STEM certificate
- STEM seal on their diploma & honor cord at graduation

P-TECH Computer Information Systems*

Computer Information Systems is part of Pathways in Technology Early College High Schools (P-TECH). P-TECH is a national network of schools providing students with a FREE associate degree and opportunities to enter the workforce in STEM related fields.

Through a partnership with Front Range Community College and CenturyLink, students can earn their Associate of Applied Sciences (AAS) in Computer Information Systems.

Elements of the Program:

No cost associates degree; five-year program with extended year opportunities; Industry internships; Work on industry & college campuses; STEM employment opportunities.

**Engage Partnerships.
Endorse Risk-Taking.
Embrace Community.**



Northglenn High School STEM
601 West 100th Place
Northglenn, Colorado 80260
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*** Available by application only**

Northglenn HS STEM

is a fully comprehensive neighborhood high school that is part of the STEMinspired international network of schools.

Mission

Working in partnership with our community, on behalf of our students, we foster risk-taking and resilience, through collaboration and stewardship. Engaging strategic partnerships, we build positive entrepreneurial identities and foster growth mindsets.

Distinctives

- Pathway Students get Guaranteed Acceptance to CU-Boulder College of Engineering and Applied Science (see website for details).
- Students can start taking college-level classes for college credit starting their freshmen year!
- All freshmen take either Physics, College Preparatory Physics, or Advanced Placement Physics (college level)!
- We are the only school in the district that has offered Calculus 3 on our campus for the last four years! This class can be taken for college credit through University of Colorado - Denver.
 - Student Internships.
 - P-TECH students can get their associate degree in CIS for free.