# **Career Pathways**

## Construction

- Architecture
- Carpentry
- Electrical
- HVAC/R

Cisco Networking/IT Engineering

# Phelps Architecture, Construction and Engineering High School

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### **NAF Staff**

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## The National Academy Foundation (NAF)

The National Academy Foundation's educational design ignites students' passion for learning and gives businesses the opportunity to shape America's future workforce by transforming the learning environment to include workbased learning experiences, including internships. In addition, NAF Academy graduates receive NAFTrack Certification, giving them preferential hiring in some Fortune 500 companies when applying for jobs during and after college.

## Phelps NAF Academy of Engineering

The mission of Phelps NAF Academy of Engineering is to provide students access to intellectually challenging studies in fields that emphasize the higher levels of mathematics, science, technology, critical thinking, literacy, and problem solving needed to be successful in obtaining a post-secondary degree, professional certification or careers.







## **Sequence of Courses**

\*9th Grade: Intro to ACE

10th Grade: Level 1

11th Grade: Levels 2 & 3

12th Grade: Level 4 & Senior

Capstone Project

\*Engineering pathway starts in the 9th grade with the Intro to Engineering Design course.

### **Certifications & College Credits**

OSHA 10 AutoDesk
NCCER CPR
Comptia A+ CNAv7

Security+ PLTW End-of-Course Exams

## **Industry Partners**

- AeroClub Foundation DC
- Airlines for America
- Albrecht Engineering
- Anchor Construction
- Architect of the Capitol (AOC)
- Booz Allen Hamilton
- Commercial Real Estate Women, DC
- DC Water
- L. S. Caldwell & Associates, Inc.
- C3M POWER SYSTEMS LLC
- CLARK Construction Group LLC
- Coakley-Williams Construction
- Community Forklift
- Delloitte
- General Services, Inc.
- GL Barnhart Construction
- Kayode Consulting Services LLC
- Mentor Foundation, USA
- Mortell Industries
- National Highway Transportation Safety Administration (NHTSA)
- Public Performance Management
- Stocks Management Group
- Treasury Department Federal Credit Union (TDFCU)
- Turner Construction Company
- UDC College of Agriculture, Urban Sustainability & Environmental Sciences (CAUSES)
- US Naval Academy, Annapolis
- Versatex Building Products
- Washington Building Congress

