

NAF

BE FUTURE
READY

ACADEMY OF ENGINEERING



91K

new jobs by 2031*



\$101K

median annual wage*

NAF APPROACH

NAF's design focuses on connecting the classroom to the workplace by integrating career-focused curricula and authentic learning projects into the traditional high school experience and offering real-world application opportunities. With a rigorous program of study and a progressive continuum of activities designed to build career awareness, exploration, and preparation, students gain the skills and knowledge needed to make informed choices and be successful in their future careers.

learn more at [NAF.ORG](https://www.naf.org)follow us on 
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#BEFUTUREREADY

INDUSTRY NEED

Overall employment in architecture and engineering occupations is projected to grow faster than the average for all occupations from 2022 to 2032. About 188,000 openings are projected each year, on average, in these occupations due to employment growth and the need to replace workers who leave the occupations permanently.

CURRICULUM

NAF's [Future Ready Learning](#) hosts a wide array of instructional content vetted by industry experts, post-secondary instructors, and professional organizations. NAF endorses engineering curricula by Project Lead the Way (PLTW), STEM 101, Paxton/Patterson, and Intelitek. The [Academy of Engineering](#) curriculum includes:

- Authentic learning projects that address real-world issues in partnership with career experts, including [Engineering Expeditions](#), [Tech Expeditions](#), and [National Engineers Week](#) challenges
- On-demand resources from national institutions such as Code.org and Prologis Essential partners supporting NAF's Academy of Engineering curriculum include PLTW, Code.org, CYBER.org, RTX, DiscoverE (Discover Engineering), Grow with Google, Verizon, and the Society of Hispanic Professional Engineers (SHPE).

PARTNERSHIPS

Industry professionals play a significant role in helping students see the connections between high school and the world of work. NAF collaborates with major corporations, post-secondary institutions, and local companies to provide career readiness and work-based learning experiences throughout the academy experience. Students connect directly with engineering professionals to learn first-hand about careers in this industry and determine how their strengths and interests might be a good fit. Adults act as role models and guides to students, helping them develop the skills they will need to thrive in their future careers, navigate pathways to get there, and help them start building their professional network to open doors of opportunity. Businesses that collaborate with NAF academies play an active and integral role in shaping the future workforce and building their own local talent.

**ACADEMY OF
ENGINEERING**

**DATA AT A
GLANCE**



15,282
STUDENTS



91
ACADEMIES

19
STATES

45
DISTRICTS

NAF PREPARES STUDENTS TO #BEFUTUREREADY

68%

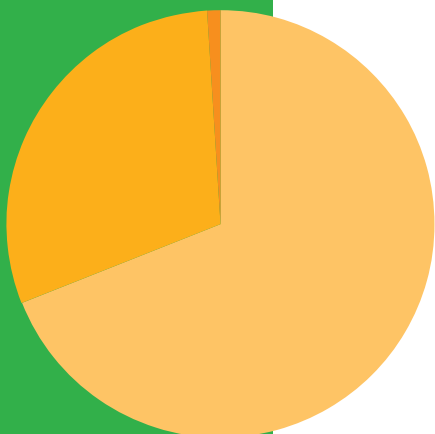
MALE

30%

FEMALE

2%

GENDER NON-CONFORMING
OR UNKNOWN



71%

ELIGIBLE FOR FREE/
REDUCED PRICE LUNCH



24%

ENGLISH LANGUAGE
LEARNERS



100%

OF SENIORS GRADUATED



- Hispanic / Latino 45%
- Black / African American 29%
- White 15%
- Asian 6%
- Other / Multi-Racial 2%
- Unknown 1%
- Native American / Alaska Native <1%
- Pacific Islander <1%



65%

GRADUATES JOIN
THE WORKFORCE



88%

GRADUATES ARE
COLLEGE BOUND



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