

OUR ACADEMY

At Kingsbury High School Academy of Engineering Technology, we engage students by using engineering technology as a lens through which everyday problems are analyzed, approached and solved. Students learn how to think as professionals and rediscover the wonder and joy of learning.

In August a new cohort of 30 students will be inaugurated in the Engineering Technology Academy. NAF students will become a part of a national network with access to a multiplicity of exclusive opportunities, including scholarships and preferential hiring at prestigious multinational companies.

The benefits of being a NAF student include:

- Access to scholarship opportunities for undergraduate and graduate school
- Curriculum developed with the assistance of industry leaders
- Potential paid internship opportunities
- Opportunities to network with businesspeople
- Mentorship opportunities with successful NAF alumni
- Exclusive NAF networking and alumni events
- Preferential hiring at companies that recognize NAFTrack Certification

To be considered to become a member of the NAF cohort, complete an online application:

<https://bit.ly/2D4SLky>

OUR MISSION

The faculty at Kingsbury High School is dedicated to student development. We work to release the intellectual capacity of all students while affirming their right to learn, focusing on a benchmark of a minimum of 90% Proficiency on all state and federal summative assessments, with a minimum of 60% of students scoring Advanced. We are committed to preparing our students to make a 30 or above on the ACT.

OUR VISION

By empowering our students to learn, Kingsbury High School hopes to instill in all students the ability to achieve their dreams, work responsibly and ethically, respect individual and cultural differences, and adapt through continued learning, to the many occupational and technological challenges of the 21st century.



MAROON IS ALL THAT MATTERS

Dr. Annie K. Webb

Academy Advisor

(901) 416-6006

webbak1@scsk12.org



The Shelby County School System and its Career and Technical Education Programs do not discriminate on the basis of race, color, creed, national origin, sex, disability, age or genetic information in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups.



KINGSBURY HIGH SCHOOL

ACADEMY OF ENGINEERING TECHNOLOGY

naf.org

#BeFutureReady



**BE FUTURE
READY**

ACADEMY OF
ENGINEERING TECHNOLOGY

1270 N. Graham St.
Memphis, TN 38122

(901) 416-6060 | (901) 416-6061 fax

<http://www.scsk12.org/schools/kingsbury.hs/site/index.shtml>



Certificate

- Computer User Support Specialist (45,500)
- Geographic Information Systems Technician (\$42,010)

Associates

- Electrical Engineering Technician (\$54,600)
- Geographic Information Systems Technologist (\$72,220)

Bachelors

- Software Quality Assurance Engineer (\$72,220)
- Software Developer (\$82,740)
- Mechanical Engineer (\$85,500)
- Electrical Engineer (\$86,130)
- Civil Engineer (\$90,280)

CURRICULUM*

The Kingsbury High School Academy of Engineering Technology provides students with exposure to various science, technology, engineering and mathematics occupations. This academy is distinctively structured to give students an overview of engineering technology careers and applications in the first year, followed by more specialized study of the scientific inquiry and the engineering design process in subsequent years. Course content is arranged around four sequenced, progressive courses that provide students with the opportunity to develop critical thinking skills and understanding of engineering concepts. Students then apply these skills in conjunction with the multi-step engineering design process to solve real-world problems.

The Academy of Engineering Technology capstone experience places students with industry partners to complete a design project, report results, and present their project before an audience. Students have the option to complete AP Physics as an alternative to the Engineering Practicum course.

*www.tn.gov/content/dam/tn/education/ccte/cte/cte_posmkt_stem_engineering.docx

The NAF Academy also prepares students for industry certification. Upon completion of this program of study, students will be prepared to pursue engineering studies at postsecondary institutions.

• Industry Certification

Certified Solidworks Associate

Autodesk Inventor Certified User

At Kingsbury High School Academy of Engineering Technology, we prepare our students to compete for jobs in the field of engineering technology. Our curriculum is vetted by industry professionals and designed to keep pace with industry standards.

ENGINEERING TECHNOLOGY COURSES

- Level 1: Principles of Engineering and Technology
- Level 2: Engineering Design I
- Level 3: Engineering Design II
- Level 4: Engineering Practicum -and/or- AP Physics



NAF

BE FUTURE
READY



OUR PARTNERS

The NAF Academy's advisory board and local partners provides the academy with the highest caliber of leadership and support. The following companies play a role in our success:

ALSAC/St. Jude

Regional One
Health

Baptist Memorial
Healthcare
Corporation

ServiceMaster

Shelby County ITS

Code Crew

Southwest TN

Greater Memphis
Chamber

Community College

Kellogg's

Tate Computer
Systems

Memphis Light,
Gas and Water

TechEd2Go

Unistar-Sparco

Methodist
LeBonheur
Healthcare



KHS