



Southeast Raleigh Magnet High School

University Connections: School of Design, Arts & Engineering

The NAF Academy of Engineering at Southeast Raleigh Magnet High School is continually looking for business partners to help bridge the gap between education and industry. This partnership can exist in many forms where the company can provide: industry tours (field trips), classroom guest speakers, mock interviewers, internships, monetary donations, advisory board support and/or equipment & supplies donations.



Wake County Public School System

The largest school system in state of North Carolina, 16th

Largest school system in the nation

Operating budget \$1.55B

>160,000 students (avg 62 families move to Wake County per day)

183 schools, 30 High School, 5 Early College High Schools

18 Distinct Career Academies, 15 are STEM related

Career Academies in Wake County

Focus-career themes w/support from Industry & Institution partners/community

Began in mid-1990's

Students experience the following work based learning activities:

- Career Fairs
- Career themed industry tours
- Job shadowing
- Internships (135 hours required for certificate)
- Soft skills



Southeast Raleigh Magnet High School

Founded 1997 with theme of Leadership and Technology

~1600 students grades 9-12

Modified calendar track (similar to college calendar)

High Minority, diverse population

Award winning and nationally recognized

National & State champion FIRST Robotics team "Robodogs"

Excellent Performing and Visual arts programs

NAF Academy of Engineering

National Academy Foundation or NAF, is a national network of education, business, and community leaders who work together to ensure high school students are college, career, and future ready.

Project Lead the Way provides a rigorous, hands on, project-based curriculum in these courses: Introduction to Engineering Design, Principles of Engineering, Civil & Architectural Engineering, Aerospace Engineering, Digital Electronics and Engineering Design and Development.

AOE students gain critical career knowledge through a series of work-based learning activities both inside and outside of the classroom. These include job shadowing events, mock interviews, résumé writing workshops, and the culminating experience—a paid internship.



	NAF AoE	School	WCPSS
Male	88/77%	51%	51%
Female	26/23%	49%	49%
Black	63/55%	68%	24%
White	40/35%	9%	46%
Hispanic	8/.6%	20%	19%
Asian	1/.005%	1%	7%
Multiple or Other	2/.01%	2	4%

2018 Academy Graduates went to:

Campbell University
 East Carolina University
 Kent State University
 NC State University
 NC A&T University
 University of NC – Chapel Hill
 University of NC – Charlotte
 Wake Technical College
 West Virginia University

Benefits to Partners

Influences next gen STEM professionals to consider your brand
 Give your employees a greater sense of purpose
 Public relations benefit
 Gain insights to the thought patterns of the next generation
 Use of the WCPSS Career Academy brand for recruitment
 Giving back to Minority communities
 Insights from School administrators
 Planting seeds for future “home grown” talent
 Make early, lasting impressions on future tech professionals
 Opportunities for your employees to give back
 Positive impression on local community and government
 Satisfy corporate goals for community involvement, helping those less fortunate

Business Partners:

Lenovo
 Cisco
 City of Raleigh
 Extreme Networks
 Plexus
 NC DOT
 Smith Sinnett Architecture
 NC Museum of Natural Sciences
 Junior Achievement of Eastern NC
 Securadyne Systems

MetLife
 NCSU
 Verizon
 Parata
 CRB

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