SOUTHEAST RALEIGH MAGNET HIGH SCHOOL
UNIVERSITY CONNECTIONS ▸ SCHOOL OF DESIGN ▸ ARTS ▸ ENGINEERING

The Academy of Information Technology & Cybersecurity 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), job shadowing, discussion panel, classroom guest speakers, mock interviewers, internships, mentorships, 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

Academy of Information Technology & Cybersecurity

AOITC is designed to offer its' students the opportunity to focus on computer science/programming or network engineering programs of study.

Project Lead the Way provides a rigorous, hands on, project-based curriculum in the following courses: Computer Science Principles (Python, & App Development), Computer Science Applications (Java, Android Studio), and Cybersecurity.

Cisco Networking Courses: Cisco Networking Engineering I & II- CCNA Routing and Switching (students will be prepared to take the Cisco CCNA certification exam), and Foundations of Cybersecurity.

AOITC 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—an internship.

	AOITC	School	WCPSS
Male	52/79%	51%	51%
Female	14/21%	49%	49%
Black	35/53%	68%	24%
White	27/41%	9%	46%
Hispanic	3/5%	23%	19%
Asian	1/.005%	1%	7%
Multiple or Other	0	2%	4%

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

2018 Academy Graduates went to:

East Carolina University
NC State University
NC A&T University
University of NC – Chapel Hill
University of NC – Charlotte
University of NC - Greensboro
University of Alabama, Huntsville
Wake Technical College
Virginia Tech University

Academies Business Partners:

Lenovo	MetLife
Cisco	NCSU
City of Raleigh	Verizon
Extreme Networks	Parata
Plexus	CRB
NC DOT	IBM
NCCU BRITE	Biogen
Johnston Health	Eaton Corp
NCCU Fab Lab	District C
Smith Sinnett Architecture	
NC Museum of Natural Sciences	
Junior Achievement of Eastern NC	

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