



BE FUTURE  
READY

\$85K

median annual wage\*

557K

new jobs by 2026\*

# ACADEMY OF INFORMATION TECHNOLOGY 2019-2020

## INDUSTRY NEED

Opportunities in computer and information technology are projected to grow 13 percent from 2016 to 2026, faster than the average for all occupations. As the industry evolves, there will be a greater focus on filling positions in cloud computing, the collection and storage of big data, and information security.

Because of this exponential growth, there is an urgent need to address the skills gap, as not enough college graduates are filling open jobs and traditional education isn't able to keep up with this fast-paced industry. In addition, both ethnic and gender diversity are sorely lacking in the industry beginning at the college level.

## CURRICULUM

Information technology curriculum covers computer networking, systems, database design, digital video production, graphic design, web design, and programming. In addition, Juniper Networks offers a program of study, that will qualify students for its professional training program and to earn a Juniper certificate. Academies may use curriculum from Project Lead the Way, Inc. (PLTW) and select courses from Cisco. In addition, NAF approves programs of study that align with NAF's certification standards, enabling local school districts to meet the needs of their community, as well as district and state requirements.

## NAF APPROACH

NAF's educational design is focused on making connections between the classroom and the workplace by integrating career-focused curricula and projects into the traditional high school experience, coupled with opportunities for real-world application. Through a series of coursework, together with a progressive continuum of activities designed to build awareness, enable exploration, and finally prepare students for future studies and career paths, NAF students gain the skills and knowledge needed to make informed choices and be successful in their future careers.

## PARTNERSHIPS

NAF works with both major corporations and local companies to ensure curriculum is current and relevant and to provide practical experience to students through a series of work-based learning activities. These activities enable students to connect directly with professionals in IT to learn first-hand about the industry, the skills needed to succeed, the expectations, and more. Business professionals serve as role models and mentors to students, guiding them to grow their business acumen, as well as technical knowledge. Businesses that work with NAF academies play an active and integral role in shaping the future workforce and building a talent pipeline that will one day soon be eligible to fill roles within their companies.



**30,714**  
STUDENTS



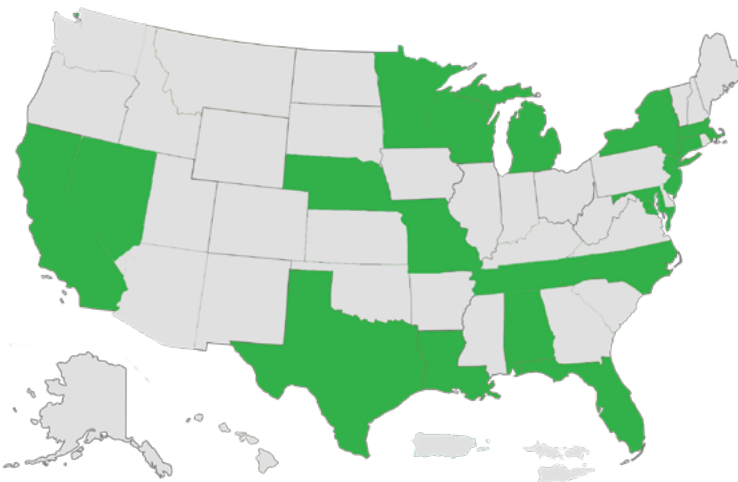
**120**  
ACADEMIES

**18**

**STATES**  
*plus DC*

highest concentration  
of academies

- Florida **43**
- Texas **12**
- California **10**
- North Carolina **8**
- New York **8**



**52**

**DISTRICTS**

highest concentration  
of academies

- 17** Miami-Dade
- 12** Dallas
- 11** Orange County
- 6** Collier County
- 6** Montgomery County  
Public Schools

**1,004** ADVISORY BOARD MEMBERS

**NAF STUDENTS**




86% of students are females  
and/or ethnic minorities

- 43%** Hispanic/Latino
- 28%** Black/African American
- 20%** White
- 6%** Asian
- 3%** Other/Multi-racial
- <1%** Unknown
- <1%** Native American/Alaska Native
- <1%** Pacific Islander


**71%** Low-Income Students  
*based on eligibility for free & reduced price lunch*

**19%** English Language Learners

**OUTCOMES**

 **99%**  
of seniors graduated

 **85%**  
college-bound graduates

 **21%**  
seniors who had an  
internship