

Academy of Information Technology (AOIT)

AOIT is one of the first major programs sponsored by the National Academy Foundation which provides students with knowledge of the ever-changing array of media technologies. In AOIT, students work on up-to-date equipment and learn process-based workflow using industry leading computer applications. This allows students to build practical skills and experiences that will benefit them in technology-driven careers. In addition to in-class assignments, students are introduced to work-based learning activities such as presentations from local professionals, guest instructors, collaborative event design/planning, work site tours and internships. The goal of AOIT, is for every student to learn the skills needed to accomplish projects that will differentiate students in today's competitive collegiate and career environments.

What is NAF

NAF academies are small career themed learning communities within current school structures focused on preparing students for college and career success.

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.

All high school students are eligible and benefit from being part of NAF.



Barron Collier High School

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BARRON COLLIER HIGH SCHOOL
**DISTINGUISHED
ACADEMY**
OF INFORMATION TECHNOLOGY



**BE FUTURE
READY**



ACADEMY OF INFORMATION TECHNOLOGY

Barron Collier HS ACADEMY OF INFORMATION TECHNOLOGY





Work Based Learning

All NAF students participate in work-based learning (WBL) activities. We help secure business and community partners to provide these opportunities! We help students experience the real-world through:

- Career Fairs
- Mock Interviews
- Guest Speakers
- Job Shadows
- Worksite Tours
- Informational Interviews

Mentoring Opportunities with Business Partners
Virtual and School Based Enterprises Internships
Presentations to Business Partners

NAF Internships

All NAF academy students are eligible for an internship once they have met the following criteria:

Is a junior, in good academic standing, currently enrolled in a NAF Academy

Completed a minimum of two (2) NAF Academy courses with a passed/graded culminating project and end of course exam for each. To apply for an internship a student must: Attend the CCPS NAFNow! Internship Readiness Conference. Complete an approved resume, cover letter and references, then create an account on the CCPS internship platform at internships.collierschools.com

Adobe Certification

Work-based learning brings the classroom to the workplace and the workplace to the classroom. This instructional strategy provides students with a well-rounded skill set that goes beyond academics and includes the foundational skills needed to succeed in college and the working world. NAF's approach to work-based learning is centered on a continuum of work-based learning experiences beginning with career awareness activities, progressing to career exploration activities, and culminating in career preparation activities, including internships.



NAF Certification

Certification is issued upon graduation to a student who has completed a NAF approved curriculum sequence. For example:

Completed three (3) NAF courses, with a passing score on each of the culminating projects or end of course exams

Completed an approved sequence of dual enrollment and NAF courses (specific to academy, for more information contact your NAF teacher or counselor at your school)

Completed an internship and received a satisfactory rating on the internship assessment

Met all local high school graduation requirements at a level required for admission to its state's public post-secondary institutions your own.

4 Year Pathway

YEAR 1: Digital Information Technology

An entry level computer course for multiple NAF academies that introduces students to internet function, security, and responsible social media use. Students learn the components and organization of a standard computer while simulating their own dream machines. In addition, students are introduced to some coding basics and html while also exploring many productivity applications such as Word, Excel, PowerPoint, Photoshop, and Animate.

YEAR 2: Digital Design I

Students are able to take a foundational graphic design course which introduces them to the foundations of media design, as well as the essentials of Adobe Photoshop and some print design fundamentals. This course allows students to begin to develop their online voice through resume development, portfolios, and digital ethics.

YEAR 3: Digital Design II

Front end web design, app prototyping and layout are the focus of this upper level course. This class introduces students to the basics of HTML/CSS, Adobe Dreamweaver and other web applications. In the second half of the year, Adobe Illustrator is introduced as a layout and illustration tool for information design/graphics. Course work during this year covers media-guide design, electronic newsletters, as well as school event planning and promotion.

YEAR 4: Digital Design III

This culminating year builds on the foundations formed in Digital I/II as well as introducing industry tools like Adobe InDesign, Adobe Premiere and Adobe After Effects. Students learn to make Interactive PDFs, video editing, and explore social media.