
ABOUT AOIT

The Academy of Information Technology (AoIT) is a four year program under NAF (formally National Academy Foundation). Students gain hand on experience, work based learning with community leaders, and also have the opportunity to earn college credit.

AoIT at NMB Senior High allows students to learn a plethora of topics within the Information Technology field; Digital Media, Web Design, 3D Animation, and Computer Science Principles.

Course Offerings

- Intro to Information Technology
 - Multimedia Foundations 1 - 3
 - 3D Animation 1-3
 - Digital Design 1-2
 - AP Computer Sciences Principles
- Summer Internship - Honors or College Credit



FBLA

Future Business Leaders of America

“FBLA helps high school students prepare for careers in business through academic competitions, leadership development, and educational programs.” - FBLA-PBL

ADVISOR: MR. CARROLL
ROOM 109B

CONTACT INFORMATION

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North Miami Beach Senior High

Academy of Information Technology



Principal: Mr. Randy Milliken
Lead Teacher: Mr. Adam Bernstein

Charging to Excellence





NAFTRACK Certification

Together, NAF and corporate partners crafted the pioneering NAFTrack Certification which will be used to signify students as NAFTrack certified. This rigorous and comprehensive assessment system evaluates students on academic proficiency, project execution, and internship performance.

These companies' recognition of NAFTrack Certification makes it a true differentiator in the hiring process, as it holds real value to both the applicant and the employer. With millions of unfilled jobs in the US – particularly in STEM fields – this partnership between education and business is key to closing the skills gap and improving how we prepare and train Americans for work.

MISSION STATEMENT

The National Academy Foundation solves some of the biggest challenges facing education and the economy by bringing education, business, and community leaders together to transform the high school experience.

COURSE DESCRIPTION:

Introduction to Information Technology: Students will get an introduction into Information Technology, Networking, Inside a computer components, and expand their knowledge of Microsoft Word, Excel and Powerpoint.

Multimedia Foundations 1-3: Students will learn about Graphic Design, and Web Design using Adobe Photoshop and Dreamweaver. Students will be able to edit photos, create flyers, learn HTML, CSS, Web Designing and work with clients to create promotional materials for digital, print and online.

AP Computer Sciences Principles: Students will have the opportunity to earn college credit in this Advance Placement course. Students Will learn about the Principles of Computer Science while learning about App development and/or Web Design.

3D Animation 1 - 3: Students will learn the foundations of 3D modeling, texturing, lighting, timing, and animation. In Year 2 students learn Rigging/Bones, Character development, hard (objects that repel, bounce off of, or crash)and soft dynamics for the creation of cloth and similar object. Student learn the software Newtek Lightwave. Students are encouraged to participate in SkillsUSA, A National Student organization in which students compete their skills. NMB Has achieved State Level Champions.

Digital Design 1 - 2: Students will learn to use the following Adobe Software; Illustrator, InDesign, and Photoshop. Students will learn vector graphics, and graphic design. Students gain hands on experience by publishing the schools newsletter. Students will also learn Adobe Acrobat to create forms and portfolios.

INDUSTRY CERTIFICATIONS:

3D Animation, Digital Design, and Multimedia Foundations 1 students have the opportunity to take the Adobe Certified Associate Exam in Photoshop.

Digital Design 2 Students will have the opportunity to take the Adobe Certified Associate Exam in Illustrator.

Multimedia Foundations 2 students have the opportunity to gain another certification exam in Adobe Certified Associate Dreamweaver.



SUMMER INTERNSHIP

Academy students participate in a paid five week summer internship. Typically students participate in the summer internship during their Junior/Senior Year.

Academy of Information Technology students who participated in the 2018 Summer Internship made over \$18,000.

2018 Internship Providers:

