

NAF Course Sequencing & Pairings



Use the guide for suggested course sequencing and pairing options to build the academy’s program of study. You may also consider integrating other curricular options into the course sequencing, such as career-thematic Advanced Placement, International Baccalaureate, Cambridge, and Dual Enrollment courses.

Each NAF course is one semester. However, academies can pair courses to create a year-long class. The recommended course pairings (p.4) allow students the opportunity to build on knowledge from semester one to semester two.

Academy of Finance

Course	Prerequisite(s)	Grade Level Comments
Principles of Finance	none	Student’s first academy course
Financial Services	Principles of Finance	Best in year one or two
Financial Planning	Principles of Finance	Any year
Principles of Accounting	Principles of Finance	Best in year one or two
Managerial Accounting	Principles of Finance; Principles of Accounting	Best in year two or three
Professional Ethics	Principles of Finance	Junior or senior level course
Business Economics	Principles of Finance	Junior or senior level course
Business in a Global Economy	Principles of Finance; Business Economics (suggested)	Junior or senior level course
Entrepreneurship	Principles of Finance	Senior level course
Applied Finance	Principles of Finance	Senior level course

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Academy of Health Sciences

NAF Course	Prerequisite(s)	Grade Level Comments
Health Careers Exploration	None	Student's first academy course
Foundations of Anatomy & Physiology I	Biology, Chemistry	Designed for 10th grade; suitable as a prerequisite for upper level or post-secondary Anatomy & Physiology
Foundations of Anatomy & Physiology II	Foundations of Anatomy & Physiology I	Designed for 10th grade; suitable as a prerequisite for upper level or post-secondary Anatomy & Physiology
Global Health	Health Careers Exploration	Junior or senior level course
Biotechnology	Biology, Chemistry	Junior or senior level course

Academy of Hospitality & Tourism

Course	Prerequisite(s)	Grade Level Comments
Principles of Hospitality and Tourism	none	Student's first academy course
Delivering Great Customer Service	Principles of Hospitality and Tourism	Sophomore or junior level course
Event Planning	Principles of Hospitality and Tourism	Sophomore at the earliest; best in junior or senior level course
Hospitality Marketing	Principles of Hospitality and Tourism	Junior or senior level course

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Academy of Information Technology

Course	Prerequisite(s)	Grade Level Comments
Principles of IT	none	Student's first academy course
Computer Systems	Principles of IT	Best in year one or two
Digital Video Production	Principles of IT	Any year
Graphic Design	Principles of IT	Any year
Web Design	Principles of IT	Sophomore year at the earliest
Introduction to Programming	Principles of IT	Sophomore year at the earliest

PARTNERSHIPS

The contribution of curriculum partners and underwriters has enabled NAF to consistently maintain high standards for its curriculum.

- [Cambridge International Examinations](#) promote a personalized and academically rigorous education system that emphasizes critical-thinking skills and inquiry-based learning with a strong focus on student creativity and engagement. Cambridge is a part of Cambridge Assessment, a department of the University of Cambridge.
- [Cisco Networking Academy](#) is an IT skills and career building program for learning institutions and individuals worldwide.
- [ConnectEd](#), the California Center for College and Career organization dedicated to identifying, supporting, and expanding linked learning that prepare students for college and career, wrote the integrated units for the Engineering course.
- [Paxton/Patterson](#) offers a comprehensive line of learning systems, tools, equipment, and supplies for engineering and health science programs.
- [Project Lead the Way](#), an organization dedicated to teaching and learning experiences that serve as a portal into industry, provides curriculum options in engineering, computer science, and health science programs.
- [The Buck Institute for Education](#) is recognized worldwide as the expert organization for rigorous project-based learning. Every NAF course includes a project that has the imprint of the Buck Institute.
- [The STEM Academy](#) works to improve STEM literacy for all students and provides NAF engineering academies with nationally recognized curriculum.

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Academy of Information Technology

- Principles of IT with Digital Video Production
- Principles of IT with Web Design
- Principles of IT with Computer Systems
- Digital Video Production with Web Design
- Web Design with Intro to Programming

Academy of Finance

- Principles of Finance with Financial Services
- Principles of Finance with Financial Planning
- Principles of Finance with Professional Ethics
- Financial Services with Professional Ethics
- Principles of Accounting with Managerial Accounting
- Professional Ethics with Applied Finance
- Entrepreneurship with Managerial Accounting
- Entrepreneurship with Applied Finance
- Applied Finance with Business Economics
- Applied Finance with Business in a Global Economy

Academy of Hospitality & Tourism

- Principles of Hospitality and Tourism with Delivering Great Customer Service
- Principles of Hospitality and Tourism with Hospitality Marketing
- Delivering Great Customer Service with Hospitality Marketing
- Hospitality Marketing with Sports, Entertainment, and Event Planning

Academy of Health Sciences

- Health Careers Exploration with Principles of IT
- Foundations of Anatomy and Physiology I with Foundations of Anatomy and Physiology II
- Global Health with Biotechnology