ACADEMIES and ELECTIVES

AP CAPSTONE

This program requires a minimum of **4 AP Courses** in addition to AP Seminar and AP Research.

You can find more information here: APcentral Collegeboard

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
A15	**AP** Capstone Seminar		$40 unused AP Test Book fee
A16	**AP** Capstone Research	AP Capstone Seminar	$40 unused AP Test Book fee

Cooperative Education

(Work Experience)

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
W09	Cooperative Diversified Education	Teacher Recommendation	Employment Eligibility Required **Enter W09 for 4 electives** $14 24hr Accident School Insurance required

DUAL ENROLLMENT

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
Z12	Dual Enrollment courses @ MDC	3.0 unweighted GPA Passed placement test (SAT, ACT, Accuplacer, etc)	Final approval from administration is required. **Enter Z12 for 4 electives** Students will be off campus periods 3-6
A27	**DE** Preparing for Student Success	2.0 unweighted GPA	

ENGINEERING

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
K01	Introduction to Engineering Design		
K02	Principles of Engineering Honors*	Introduction to Engineering Design w/ C or Higher Teacher Recommendation	$25 Material fee, Hands-on Projects Auto Desk Fusion 360*

EXECUTIVE INTERNSHIP PROGRAM(AYIP)

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
W10	Executive Internship 1	Must apply to Internship Program	

George T. Baker Aviation

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
Z13	Baker Aviation Program	Must apply to George T. Baker	Enter Z13 as the 1st 4 elective choices

Language Arts ELECTIVES

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirements
A01	Speech 1		
A03	Creative Writing 1/Creative Writing 2		

LAW & PUBLIC SERVICE ACADEMY

JROTC

Physical Training Uniform, School Insurance, and $30 class fee required for all classes

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
M15	Leadership Education Training 1		
M16	Leadership Education Training 2	Leadership Ed Training 1 Sr. Army Instructor Approval Required	
M17	Leadership Education Training 3	Leadership Ed. Training 2 Sr. Army Instructor Approval Required	
M18	Leadership Education Training 4	Leadership Ed. Training 3 Sr. Army Instructor Approval Required	

NAF ACCADEMIES

* Class offers an Industry Certification Exam
$30 FBLA Dues Required for all classes
MDCPS CareerTechEducation

NAF ACADEMY OF FINANCE

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
W01	Business Communications and Technology*		Microsoft Office and/or Florida Ready to Work*
W02	Accounting Applications 1*	Business Communications and Technology	ESB v2*
W03	Economics & Financial Services*	Accounting Applications I	ESB v2 and or Design for Delight*
W04	Personal Finance*	Economics & Financial Services	Florida Ready to Work*

NAF ACADEMY OF MULTIMEDIA AND COMMUNICATIONS

Journalism and Multimedia Strand
(Yearbook Track)

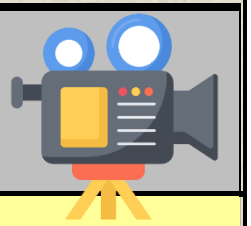
* Class offers an Industry Certification Exam

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
T21	Digital Media Foundations 1		
T12	Media Production	Digital Media Foundations	$30 Class fee - After school time required.
T13	Digital Design 1*	Media Production	$30 Class Fee (media cards for Social Media) After school time required Adobe Certified Professional in Virtual Design – InDesign*
T14	Photojournalism "Yearbook"		$30 Class Fee (media cards for Social Media) After school time required

TV Production Strand (Broadcasting Track)

* Class offers an Industry Certification Exam (Adobe Certified Professional in Video Design – Premier Pro)

All classes require after school time, $30 Media Cards fee, Laptop and wired headphones



Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
T21	Digital Media Foundations 1		
T22	Digital Media/Multimedia Foundations 2*	Multimedia Foundations 1	Adobe Certified Professional in Virtual Design-Illustrator* (optional) $15 Class Fee
T23	Digital Media/Multimedia Foundations 3*	Multimedia Foundations 2 Teacher Recommendation	Adobe Certified Professional in Virtual Design – Illustrator* (optional) $20 Class Fee (media cards for Social Media)
T24	Digital Media/Multimedia Web Production*	Multimedia Foundations 3	Adobe Certified Professional in Virtual Design – Illustrator* (optional) $20 Class Fee (media cards for Social Media)

HEALTH SCIENCE Elective

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
M05	Medical Skills and Services	FOR NON-MAGNET STUDENTS	

NAF ACADEMY OF HOSPITALITY AND TOURISM

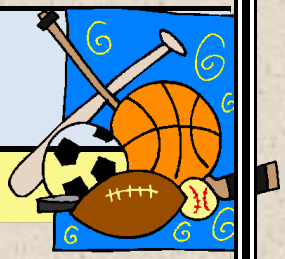
DECA Membership is required

$25 class fee required for all classes

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
H01	Introduction to Hospitality & Tourism		NAF Curriculum Principles of Hospitality Geography
H02	Technology for Hospitality & Tourism	Introduction to Hospitality & Tourism	NAF Curriculum Technology
H03	Hospitality & Tourism Entrepreneurship	Technology for Hospitality & Tourism	NAF Curriculum Entrepreneurship
H04	Hospitality & Tourism Marketing Management	Introduction to Hospitality & Tourism	NAF Curriculum Marketing Event Planning

PHYSICAL EDUCATION

Graduation Requirement: ½ credit of Personal Fitness and ½ credit of Physical Education



Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
F53	Volleyball 1 Volleyball 2		
F54	Basketball Comprehensive Fitness		
F57	Weight Training 1 Fitness Issues for Adolescence		
F58	Weight Training 2 Individual Sports 2		
F59	Fitness Lifestyle Design Individual and Dual Sports 3		
F21	Personal Fitness		**10th grade ONLY** GRADUATION REQUIREMENT **Paired w/Personal Finance**
F11	Team Sports		**9th grade ONLY** GRADUATION REQUIREMENT **Paired w/Freshmen Experience**

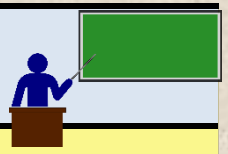
SOCIAL STUDIES
Electives

Course Sequence	Course Name	Prerequisite/Recommendation	Course Requirements
D01	Psychology 1 Psychology 2		Grades 9-12
D03	World Religions Honors Holocaust		Purchase Project Materials
D64	**AP** Psychology	Enrolled in Honors or AP English FAST Level 3 or above	Grades 10-12 Purchase Project Materials $40 unused AP Test book fee
D24	**AP** Human Geography	Enrolled in Honors or AP English FAST Level 3 or above	Grades 9-12 Purchase Project Materials $40 unused AP Test book fee

Teacher Assisting
(Teacher Aide)

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
G05	Critical Thinking and Study Skills	3.0 unweighted GPA good attendance	**Final approval from administration is required.** **11th and 12th grade ONLY**

TEACHING ACADEMY
(Education)



Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
G01	Introduction to the Teaching Profession		
G02	Human Growth and Development	Introduction to the Teaching Profession	
G03	**DE**: Introduction to Education	3.0 GPA	

VISUAL AND PERFORMING ARTS ACADEMY

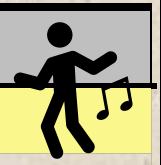
Chorus Strand

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
R41	Chorus 1		
R42	Chorus 2	1-year high school chorus	
R43	Chorus 3	2 years high school chorus	
R44	Chorus 4	3 years high school chorus	

Band Strand Music Ensemble

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
R51	Band 1 (Marching and Symphonic Band)		
R52	Band 2 (Marching and Symphonic Band)	1 year performing band at High School level	
R53	Band 3 (Marching and Symphonic Band)	2 years performing band at High School level	
R54	Band 4 (Marching and Symphonic Band)	3 years performing band at High School level	
R61	Music Ensemble 1	Teacher Recommendation At least 1 yr guitar, keyboard, chorus or band at High School level	
R62	Music Ensemble 2	Music Ensemble 1 Teacher Recommendation	
R63	Music Ensemble 3	Music Ensemble 2 Teacher Recommendation	

Dance Strand



Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
R01	Dance Repertory 1		$20 Production Fee
R02	Dance Repertory 2	Teacher Recommendation	$20 Production Fee
R03	Dance Repertory 3 Honors	Teacher Recommendation	$20 Production Fee
R04	Dance Repertory 4 Honors	Teacher Recommendation	$20 Production Fee
R05	Dance Team	Audition	$20 Production Fee *extra fees

Drawing and Painting Strand

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
R56	Two-Dimensional Studio Art		$34 Annual Materials Fee
R57	Two-Dimensional Studio Art 2	Two-Dimensional Art 1 Teacher Recommendation	$34 Annual Materials Fee
R58	Two-Dimensional Studio Art 3 Honors	Two-Dimensional Art 2 Teacher Recommendation	$34 Annual Materials Fee
R59	Drawing 3 Honors	Two-Dimensional Art 3 Teacher Recommendation	$34 Annual Materials Fee
R60	AP 2D Art and Design (Photography)		

Guitar Strand

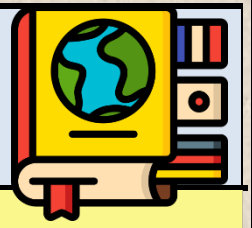
Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
R26	Guitar 1		
R27	Guitar 2	Guitar 1	
R28	Guitar 3	Guitar 2	
R29	Guitar 4	Guitar 3	

Keyboard Strand

Course Sequence	Course Name	Prerequisites/Recommendations	Course Requirement
R31	Keyboard 1		
R32	Keyboard 2	Keyboard 1	
R33	Keyboard 3	Keyboard 2	
R34	Keyboard 4 Honors	Keyboard 3	

WORLD LANGUAGES

2 years of the same language required for certain **colleges and/or scholarships**



Course Sequence	Course Name	Prerequisite/Recommendation	Course Requirements
E01	Spanish 1	Entry level for Non-Spanish Speakers	
E02	Spanish 2	Spanish 1 or Equivalent	FLVS lab setting
E14	**AP** Spanish Language		Spanish Honor Society Membership
E15	**AP** Spanish Literature	AP Spanish Language Teacher Recommendation	Spanish Honor Society Membership