

Typical 8th to 9th (Freshman) Elective Options

McDowell Scheduling Guide for 26/27

Course #	AEROSPACE SCIENCE (AFJROTC)	CREDIT VALUE	PREREQUISITE
R14010	Aerospace Science 1	1.00	Students must wear uniform at least once a week & complete required community service, as well as, participate in marching & physical wellness/PT. This is a yearlong program and you have obligations even when you are not in class.
Course #	BUSINESS	CREDIT VALUE	PREREQUISITE
B11010	Applied Digital Skills: Microsoft Office Essentials	0.50	N/A
B12010	Introduction to Business	0.50	N/A
Course #	CENTER FOR PERFORMING ARTS	CREDIT VALUE	PREREQUISITE
P12010	Concert Band	1.00	Participation may be limited by audition for some instruments.
P11010	Guitar	0.50	N/A
P23010	Jazz Band	1.00	Director recommendation upon successful audition
P14110	McDowell Choral Project	1.00	N/A (Formally Mixed Chorus)
P25010	Orchestra	1.00	Students must have some experience playing a string instrument.
P11510	Piano	0.50	N/A
P24010	Wind Ensemble	1.00	Must have Director Recommendation
P16010	Performing Arts 1	1.00	N/A
H17010	PE Dance	0.50	Meets Phy. Ed. Requirements in grades 10-12. Required Attire: Ballet, Tap, and Jazz Shoes
H28010	Popular Dance	0.50	Meets Phy. Ed. Requirements in grades 10-12.
Course #	COMPUTER SCIENCE (** NCAA Approved Course)	CREDIT VALUE	PREREQUISITE
D11010	Introduction to Computer Science	0.50	N/A
D12510	Foundations of Computer Programming 1	0.50	"C" or better in Algebra 1
D22510	Foundations of Computer Programming 2	0.50	"C" or better in Foundations of Computer Programming 1
D13510	Fundamentals of Cyber Security	0.50	N/A
D23010	Game Development and Programming	0.50	Recommendation from Foundations of Computer Programming 1 teacher
D16010	Smart Manufacturing	0.50	N/A
D32530	**AP® Computer Science Principles	1.00	"B" or better in Algebra 1
Course #	ENGLISH/LANGUAGE ARTS (** NCAA Approved Course)	CREDIT VALUE	PREREQUISITE
E12010	Film Appreciation	0.50	N/A
E12210	Disney: The Happiest Elective on Earth	0.50	N/A
E12610	** Fantasy and Science Fiction Literature	0.50	N/A
E13610	Comics, Superheroes, & Graphic Novels	0.50	N/A
E13210	** Holocaust and Jewish Literature	0.50	N/A
E36510	** Exploring Writing	0.50	N/A
E36110	Self-Paced Creative Writing	0.50	N/A
E26010	** Creative Writing	0.50	N/A
E13010	Digital Content Creation	0.50	N/A
E37510	** Introduction to Journalism	0.50	N/A
E23010	Sports and News Broadcast Journalism	0.50	N/A
E47010Q	McDowell Media Newroom	0.50	Successful completion of Intro to Journalism or Sports and News Broadcast Journalism (Can be taken more than once)
E33510	McDowell Media Newroom	0.50	Successful completion of Digital Content Creation or Sports and News Broadcast Journalism
E33510	Video Production	0.50	Successful completion of Digital Content Creation or Sports and News Broadcast Journalism
E16110	** Debate on Current Events	0.50	N/A
E16210	** Public Speaking	0.50	N/A
Course #	FAMILY & CONSUMER SCIENCE	CREDIT VALUE	PREREQUISITE
F11610	Baking & Pastry Arts 1	0.50	N/A
F11210	Creative Cooking	0.50	N/A
F10510	Exploring Culinary Arts	0.50	N/A
F12010	Fashion & Fabric 1	0.50	N/A
F22010	Fashion & Fabric 2	0.50	Successful Completion of Fashion and Fabric 1
F10810	Lifetime Nutrition	0.50	N/A
F23010	Education Profession Level 1	1.00	N/A

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GENERAL (** NCAA Approved Course)		CREDIT VALUE	PREREQUISITE
G14010	United States Academic Decathlon	1.00	N/A
SCIENCE (** NCAA Approved Course)		CREDIT VALUE	PREREQUISITE
C15510	** Earth and Space Science	0.50	N/A
SOCIAL STUDIES (** NCAA Approved)		CREDIT VALUE	PREREQUISITE
S18010	Positive Psychology	0.50	N/A
S19010	Mental Fitness	0.50	N/A
S23510	** Current Issues	0.50	N/A
S23710	** Introduction to Criminal Justice	0.50	N/A
S28110	** Justice Education	0.50	N/A
S35010	** Modern Warfare & Global Conflicts	0.50	N/A
S35510	** World Religions	0.50	N/A
TECHNOLOGY		CREDIT VALUE	PREREQUISITE
T21310	Building Trades 1	1.00	Introduction to Wood & Building Trades
T17010	Environmental Agriculture and Landscaping	0.50	N/A (Note: counts as a 0.50 of Science)
T12010	Foundations of Technology Design and Engineering	1.00	N/A
T36010	Graphics Technology 1	0.50	N/A
T46010	Graphics Technology 2	0.50	Graphics Technology 1
T21510	Home Maintenance	0.50	N/A
T13510	Robotics 1	1.00	N/A
T11310	Introduction to Wood & Building Trades	0.50	N/A
T21110	Wood Technology 2	1.00	Introduction to Wood & Building Trades
T15010	Materials Mfg.: Metal Technology 1	0.50	N/A
T25010	Materials Mfg.: Metal Technology 2	0.50	Materials Mfg.: Metal Technology 1
T14510	Welding & Fabrication 1	0.50	N/A
T24510	Welding & Fabrication 2	0.50	Welding & Fabrications 1
VISUAL ARTS (** NCAA Approved Course)		CREDIT VALUE	PREREQUISITE
A21810	Animation	0.50	N/A
A13010	Ceramics 1	0.50	N/A
A23010	Ceramics 2	0.50	Successful completion of Ceramics 1
A11510	Creative Sketchbooking	0.50	N/A
A10110	Design Exploration	0.50	N/A
A14010	Drawing 1	0.50	N/A
A24010	Drawing 2	0.50	Successful completion of Drawing 1
A12510	Experimental Markmaking	0.50	N/A
A16010	Interior Design 1	0.50	N/A
A36010	Interior Design 2	0.50	Successful completion of Interior Design 1
A17010	Painting 1	0.50	N/A
A27010	Painting 2	0.50	Successful completion of Painting 1
A18010	Sculpture 1	0.50	N/A
A28010	Sculpture 2	0.50	Successful completion of Sculpture 1
A10510	Digital Illustration	0.50	N/A
WELLNESS (Students may not have more than 2 PE courses within a single year and must have at least 1 PE course each year.)		CREDIT VALUE	PREREQUISITE
H15010	Advanced Teams Sports (9/10)	0.50	Meets Phy. Ed. Requirements in grades 10-12
H17010	PE Dance	0.50	Meets Phy. Ed. Requirements in grades 10-12. <u>Required Attire:</u> Ballet, Tap, and Jazz Shoes
H28010	Popular Dance	0.50	Meets Phy. Ed. Requirements in grades 10-12
H23110	Personal Fitness (9/10)	0.50	Meets Phy. Ed. Requirements in grades 9-10
H22010	Weight Training (9/10)	0.50	Meets Phy. Ed. Requirements in grades 9-10
WORLD LANGUAGE (** NCAA Approved Course)		CREDIT VALUE	PREREQUISITE
W15010	** German 1	1.00	N/A
W25010	** German 2	1.00	"C" average in German 1, plus teacher recommendation
W17010	** Spanish 1	1.00	N/A
W27010	** Spanish 2	1.00	"C" average in Spanish 1, plus teacher recommendation

Credits	Typical Course Schedule Includes:
1.00	Core: a level of English 9
1.00	Core: a level of Algebra 1 (unless previously taken)
1.00	Core: a level of Science (Aca Environmental Science/Honors Biology)
1.00	Core: a Level of World Geography
0.50	Required: Aquatics
0.50	Required: Health 9
5.00	# of Core and Required Credits
3.00	Elective credits available
8.00	Total Credit for Freshman Year

Graduation Requirements:
-- Complete 28 credits to include all Core and Required Courses
-- Complete all Naviance Career Readiness Tasks (grades 9-12)
-- Meet all Keystone/Graduation Pathway Requirements

When entering incoming 9th grade students scheduling requests:

- Review your core selections. Any request to adjust a core course can only be approved through your middle school and not by MIHS Guidance.
- For students having accelerated their math beyond Algebra 1 your teacher will be provided the next most appropriate math course within the high school sequence.
- Select no less than 3 credits of electives, and then select at least 3 more credits of alternate electives. This is vital in case some of your first choice electives are not available.

Important Scheduling Dates:

- Teachers and Administration enter Core and Required courses between February 23-March 1.
- Students must enter Primary Electives and Alternate Electives between March 2-8 only.
- Students need 116/116 units to have a full schedule request.