

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
B11510	Computer Applications: Digital Design & Publicatio	0.50	N/A
B21510	Computer Applications: Manipulate It	0.50	N/A
B12010	Introduction to Business	0.50	N/A
Course #	CENTER FOR PERFORMING ARTS	CREDIT VALUE	PREREQUISITE
P11010	Guitar	0.50	N/A
P11510	Piano	0.50	N/A
P12010	Concert Band	1.00	Participation may be limited by audition for some instruments.
P14110	McDowell Choral Project	1.00	N/A
P23010	Jazz Band	1.00	Instructor approval is required for course admission.
P24010	Wind Ensemble	1.00	Instructor approval is required for course admission.
P25010	Orchestra	1.00	Must have some previous experience playing an orchestra instrument.
P16010	Performing Arts 1	1.00	N/A
P28010	Popular Dance	0.50	N/A
Course #	COMPUTER SCIENCE	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 Foundation of Computer Programming 1
D13510	Fundamentals of Cyber Security	0.50	N/A
D16010	Smart Manufacturing	0.50	N/A
D23010	Game Development and Programming	0.50	Foundations of Computer Programming 1 teacher recommendation
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
E13010	Digital Content Creation	0.50	N/A
E13210	** Holocaust and Jewish Literature	0.50	N/A
E13610	Marvel, DC, and Beyond	0.50	N/A
E16110	** Debate on Current Events	0.50	N/A
E16210	** Public Speaking	0.50	N/A
E23010	Sports and News Broadcast Journalism	0.50	N/A
E26010	** Creative Writing	0.50	N/A
E33510	Video Production	0.50	Successful completion of Digital Content Creation or Sports and News Broadcast Journalism
E37510	** Introduction to Journalism	0.50	N/A
E47010Q	McDowell Media Newroom	0.50	Successful completion of Intro to Journalism or Sports and News Broadcast Journalism
E47010	McDowell Media Newsroom	1.00	Successful completion of Intro to Journalism or Sports and News Broadcast Journalism
Course #	GENERAL (** NCAA Approved Course)	CREDIT VALUE	PREREQUISITE
G14010	United States Academic Decathlon	1.00	N/A
Course #	FAMILY & CONSUMER SCIENCE	CREDIT VALUE	PREREQUISITE
F10510	Exploring Culinary Arts	0.50	N/A
F10810	Lifetime Nutrition	0.50	N/A
F11210	Creative Cooking	0.50	N/A
F11610	Baking & Pastry 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
F23010	Education Profession Level 1	1.00	Clearances Required
Course #	SCIENCE	CREDIT VALUE	PREREQUISITE
C15510	Earth and Space Science	0.50	N/A

**8th to 9th (Freshman) Elective Options** **Con't**

Course #	SOCIAL STUDIES (** NCAA Approved)	CREDIT VALUE	PREREQUISITE
S18010	Positive Psychology	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

Course #	TECHNOLOGY	CREDIT VALUE	PREREQUISITE
T11310	Introduction to Wood & Building Trades	1.00	N/A
T21110	Wood Technology 2	1.00	Introduction to Wood & Building Trades
T21310	Building Trades 1	1.00	Introduction to Wood & Building Trades
T14510	Introduction to Welding	0.50	N/A
T24510	Advanced Welding	0.50	Successful completion of Introduction to Welding
T12010	Foundations of Technology Design and Engineering	1.00	N/A
T21510	Home Maintenance	0.50	Recommendation from Metal Tech 1 or Intro to Wood & Building Trades Teacher
T13510	Intro to Robotics	1.00	N/A
T15010	Materials Mfg.: Metal Technology 1	0.50	N/A
T25010	Materials Mfg.: Metal Technology 2	0.50	Materials Mfg.: Metal Technology 1

Course #	VISUAL ARTS	CREDIT VALUE	PREREQUISITE
A10110	Design Exploration	0.50	N/A (Formally Art Survey)
A13010	Ceramics 1	0.50	N/A
A23010	Ceramics 2	0.50	Successful completion of Ceramics 1
A14010	Drawing 1	0.50	N/A
A24010	Drawing 2	0.50	Successful completion of Drawing 1
A23510	Mixed Media	0.50	N/A
A15010	Digital Technology in Art	0.50	N/A
A21310	Graphic Arts	0.50	N/A
A21610	Digital Photography	0.50	N/A
A21810	Animation	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	0.50	N/A

Course #	WELLNESS <small>(9th grade students have Aquatics, but may have 1 additional PE course. No more than 2 PE courses in a single year.)</small>	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
H23110	Personal Fitness (9/10)	0.50	Meets Phy. Ed. Requirements in grades 10-12
H22010	Weight Training	0.50	Meets Phy. Ed. Requirements in grades 10

Course #	WORLD LANGUAGE (** NCAA Approved Course)	CREDIT VALUE	PREREQUISITE
W14010	** French 1	1.00	N/A
W24010	** French 2	1.00	"C" average in French 1, plus teacher recommendation
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

**It is strongly recommended all students choose at least 3 alternate electives beyond their 1st choice requested elective course selections.**

Credits	Typical Course Schedule Includes:	When entering incoming 9th grade students scheduling requests:
1.00	Core: a level of English 9 (Aca or Hon)	1 Review your core selections. Any request to adjust a core course can only be approved through your middle school and not by MIHS Guidance. 2 For students having accelerated their math beyond Algebra 1 they will be provided the next most appropriate math course within the high school sequence. 3 Select 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.
1.00	Core: a level of Algebra (unless previously taken)	
1.00	Core: Aca Environmental Science/Honors Biology	
1.00	Core: a level of World Geography (Aca or Hon)	
0.50	Required: Aquatics	
0.50	Required: Health 9	
5.00	# of Core and Required Credits	
3.00	Elective credits available	
8.00	Total Credits for Freshman Year.	

Teachers and Administration enter Core and Required courses by March 1st.  
 Students must enter Primary Electives and Alternate Electives between March 4-8 only.  
 Students need 40/40 units to have a full schedule request.