



MLHS

Program of Studies

2024-2025

Raymond Searles, Jr.
Director of Counseling
February 5, 2024

The Survey Says...

MLHS Students “Very Likely” + “Likely” to enroll

- *Introduction to Business (54%)*
- *Business Management (43%)*
- *Entrepreneurship Honors (46%)**
- *Engineering 1-4 (56%)*
- *Nutrition (52%)*
- *Advanced Foods (47%)*
- *Global Cuisine (45%)*
- *Forensic Science & Criminal Psychology (52%)*
- *Honors Forensics (41%)**

*Dual Enrollment with Syracuse University



New Electives

Human Development and Sport

MLHS Students “Very Likely” + “Likely” to enroll: 37%

Human Development and Sport, examines the dynamics of youth development, social change, and social inclusion in the context of sport. Students examine perspectives of youth development and principles of sport that facilitate personal, social, and cultural development. Students explore ways in which sport-for-development programs provide positive environments and opportunities for collaboration, social change, inclusion, and human enrichment. The connections of sport-based initiatives to community, national, and global developmental issues are explored.

- 2.5 credits
- Grade Level 11-12
- Physical Education, Health, & Safety elective
- Dual Enrollment approval with Syracuse University pending
- Honors Level Course



New Electives

Aviation & Aerospace

MLHS Students “Very Likely” + “Likely” to enroll: 22%

The Aviation & Aerospace course will cover 10 units that provide students with an introduction to aerospace studies, aviation careers, the role of government in aviation safety, and an accident case study. The first semester is ‘Launching into Aviation’ and the second is ‘Exploring Aviation and Aerospace.’ Aviation & Aerospace is the first of four courses that would lead students into one of two career and technical education pathways: pilot or unmanned aircraft systems (drones).

- 5.0 credits
- Grade Level 9-12
- Computer & Technology Education elective



Aviation Program

Four-year sequence of aviation STEM courses developed by the Aircraft Owners and Pilot Association.

Goals

- Learn aviation concepts, skills, and understandings
- Prepare students for written exams leading to industry credentials (Private Pilot or Remote Pilot certification)
- Excite students with possible career options in the field of aviation

790, 000 new pilots will be needed in the world by 2037



Aviation & Aerospace

FOUR YEAR CURRICULUM OUTLINE

	9 th Grade		10 th Grade		11 th Grade		12 th Grade	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
Pilot	Principles of Aviation & Aerospace	Exploring Aviation & Aerospace	Introduction to Flight	Aircraft Systems	Private Pilot Fundamentals I	Private Pilot Fundamentals II	Aviation Safety	Pilot Capstone
Unmanned Aircraft Systems	Principles of Aviation & Aerospace	Exploring Aviation & Aerospace	Introduction to Flight	Aircraft Systems	UAS Operations I	UAS Operations II	UAS Design & Applications	UAS Capstone



New Electives

Contemporary Crafts

MLHS Students “Very Likely” + “Likely” to enroll: 19%

A creative course for the student who desires a hands-on experience in art, Contemporary Crafts will be enriching to fine arts majors as well as those seeking to enhance their high school year by learning new skills through creative experiences. The course will acquaint the student with a variety of art experiences, which may include jewelry/metals, fiber arts, functional art, clay, or printmaking. The course will explore traditional approaches in each area studied, as well as the contemporary attitudes that are setting new trends in the art world today.

- 2.5 credits
- Grade Level 10-12
- Visual Arts elective



Visual Arts

4-year progression

Students may
accelerate with
Portfolio Review &
recommendation

Foundations of Art



2-D Art
Drawing &
Painting

3-D Design &
Ceramics

Contemporary
Crafts

Digital Media
& Design



Honors Portfolio Development



AP Studio Art and Design



Honors Performing Arts

11th & 12th graders enrolled in Chamber Choir, Symphonic Band, Wind Ensemble, and Chamber Orchestra may be accepted into “Honors” sections by audition.

Additional Requirements

- Advanced repertoire
- Regular reflection and journaling
- Theory-based and/or instrument specific written assignments
- Written assignments to include at least 2 concert reflections
- Independent research and presentation
- Preparation of solo performance and material that aligns with area, region, state ensemble audition requirements



Performing Arts

Concert Band
(Grade 9)



Symphonic Band*



Wind Ensemble*

Freshman Choir
(Grade 9)



MLHS Choir



Chamber Choir*

Chamber Orchestra*



*Honors courses available for Grades 11 & 12

Dual Enrollment in 2022-2023



Seton Hall Project Acceleration	
<i>MLHS Course</i>	<i>Seton Hall Applicable Course(s)</i>
Criminal Justice System in Modern America Honors	CRIM 2612 - Criminal Justice System in Modern America (3 credits)
Entrepreneurship Honors	BFIN 2201- Business Finance (3 credits)
Environmental & Sustainability Science	ENVL 1011 - Introduction to Environmental Science (3 credits)
Film Studies	COBF 2210 - Introduction to Media Studies (3 credits)
Honors Adv. Data Structures	CSAS 1111 - PLT - Introduction to Computer Science I (4 credits) CSAS 1112 - PLT - Introduction to Computer II (4 credits)
Human Anatomy & Physiology Honors	BIOL 1122 & 1123 - Human Anatomy and Physiology I Lecture & Lab (4 credits)
Philosophy Honors	PHIL 1101 - Introduction to Philosophy (3 credits)
Public Speaking	COST 1600 - Oral Communications (3 credits)

Dual Enrollment in 2023-2024

Seton Hall Project Acceleration	
<i>MLHS Course</i>	<i>Seton Hall Applicable Course(s)</i>
Criminal Justice System in Modern America Honors	CRIM 2612 Criminal Justice System in Modern America (3 credits)
Digital Marketing Honors	BMKT 2601 Principles of Marketing (3 credits)
Environmental & Sustainability Science	ENVL 1011 Introduction to Environmental Science (3 credits)
Film Studies	COBF 2210 Introduction to Media Studies (3 credits)
Honors Advanced Data Structures	CSAS 1111 - PLT - Introduction to Computer Science I (4 credits) CSAS 1112 - PLT - Introduction to Computer II (4 credits)
Public Speaking	COST 1600 Oral Communications (3 credits)



Dual Enrollment in 2023-2024

William Paterson University Dual Enrollment	
<i>MLHS Course</i>	<i>William Paterson Applicable Course(s)</i>
Human Anatomy & Physiology Honors	BIO 1120 - General Anatomy and Physiology I (4 credits each) BIO 1130 - General Anatomy and Physiology II (4 credits each)
Philosophy Honors	PHIL 1100 - Introduction to Philosophy (3 credits)

Syracuse University Project Advance	
<i>MLHS Course</i>	<i>Syracuse Applicable Course(s)</i>
Entrepreneurship Honors	EEE 360 Intro to Entrepreneurship & Emerging Enterprises (3 credits)
Forensic Science Honors*	CHE 113 Forensic Science (3 credits)

*Forensic Science & Criminal Psychology will continued to be offered as a college prep course



Dual Enrollment in 2023-2024



Seton Hall & William Paterson Universities Dual Enrollment - Fall 2023		
<i>Dual Enrollment Course</i>	<i>MLHS Enrollment</i>	<i>SHU/WPU Enrollment</i>
Criminal Justice System in Modern America Honors	19	2
Digital Marketing Honors	21	7
Environmental & Sustainability Science	14	0
Human Anatomy & Physiology Honors	24	2
Public Speaking	18	0

Syracuse University Project Advance Dual Enrollment - Fall 2023		
<i>Dual Enrollment Course</i>	<i>MLHS Enrollment</i>	<i>Syracuse Enrollment</i>
Entrepreneurship Honors	33	27
Forensic Science Honors	13	11

Dual Enrollment in 2024-2025

Syracuse University Project Advance	
<i>MLHS Course</i>	<i>Syracuse Applicable Course(s)</i>
Entrepreneurship Honors	EEE 360 Intro to Entrepreneurship & Emerging Enterprises (3 credits)
Forensic Science Honors	CHE 113 Forensic Science (3 credits)
Human Development and Sport	HFS/SPM 327 Human Development and Sport (3 credits)

- Students enrolled in dual enrollment courses are strongly encouraged to participate with Syracuse Project Advance



Additional Updates

No Longer Included

- Performing Arts: Guitar & Music Production
- Visual Arts: 2D Art II, 3D Art II, Digital Media II
- World Language: Latin offerings
- PXL Program

Additional Revisions

- Clarification on self-studying for AP exams
 - “Students interested in self-preparing for AP Exams may do so only for AP courses not offered by MLHS.”
- Special Services courses integrated into academic departments
- Various course description updates



**MLHS
Program
Of
Studies**

Thank You
for your continued support.

