

Class of 2026

Scheduling

Senior Year



MILFORD HS SCHOOL COUNSELORS



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Graduation Requirements

- 4 credits of English
- 4 credits of Math (must include Data Science/Algebra II/AQR and 1 Advanced Math)
- 3 credits of Science (must include 1 credit of Biology, a Physical Science and an Advanced Science)
- 3 credits of Social Science (must include 1 credit of World History, American History, and Government)
- 1 credit of Fine Art *
- 1/2 credit of Health
- 1/2 credit of PE or a PE waiver
- 5 credits of electives

Course Selection Guide

Why should I read this?

- Policies. Programs. Procedures
 - Graduation requirements
 - Honors Diploma
 - Planning worksheet
- Course Descriptions
 - Pay attention to prerequisites for courses!



**MILFORD HIGH
SCHOOL**

2025-2026

Course Selection Guide

CSG Link: <http://bit.ly/milfordhscsg>

Honors Diploma

ACADEMIC HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Science	One additional unit Advanced Science
3 Social Studies	One additional unit Social Studies
4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7 Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

Students must meet all but one of these criteria.

*A Student Strength demonstration may replace World Languages, GPA or ACT. Options for student strength demonstration include College Credit Plus, Advanced Placement, Career-Technical Coursework, WorkKeys or ASVAB proficiency, or official Work-Based Learning.

Honors Diploma - detailed requirements can be found at the ODE website: [ODE Honors Diplomas](#).

Required Courses for 12th Grade:

English 12:

- CP or AP Language

Social Science

- Remember you must have 1 credit of World History, American History, and American Government

Science

- Remember that you must have a 1 credit of a **Biology**, a **Physical Science/Chemistry** and an **Advanced Science** on your transcript to meet graduation requirements.
- Any science course after you pass Biology and Physical Science/Chemistry counts as an Advanced Science.

Math: [Math Flow Chart](#)

When choosing the level of a required course, consider the following:

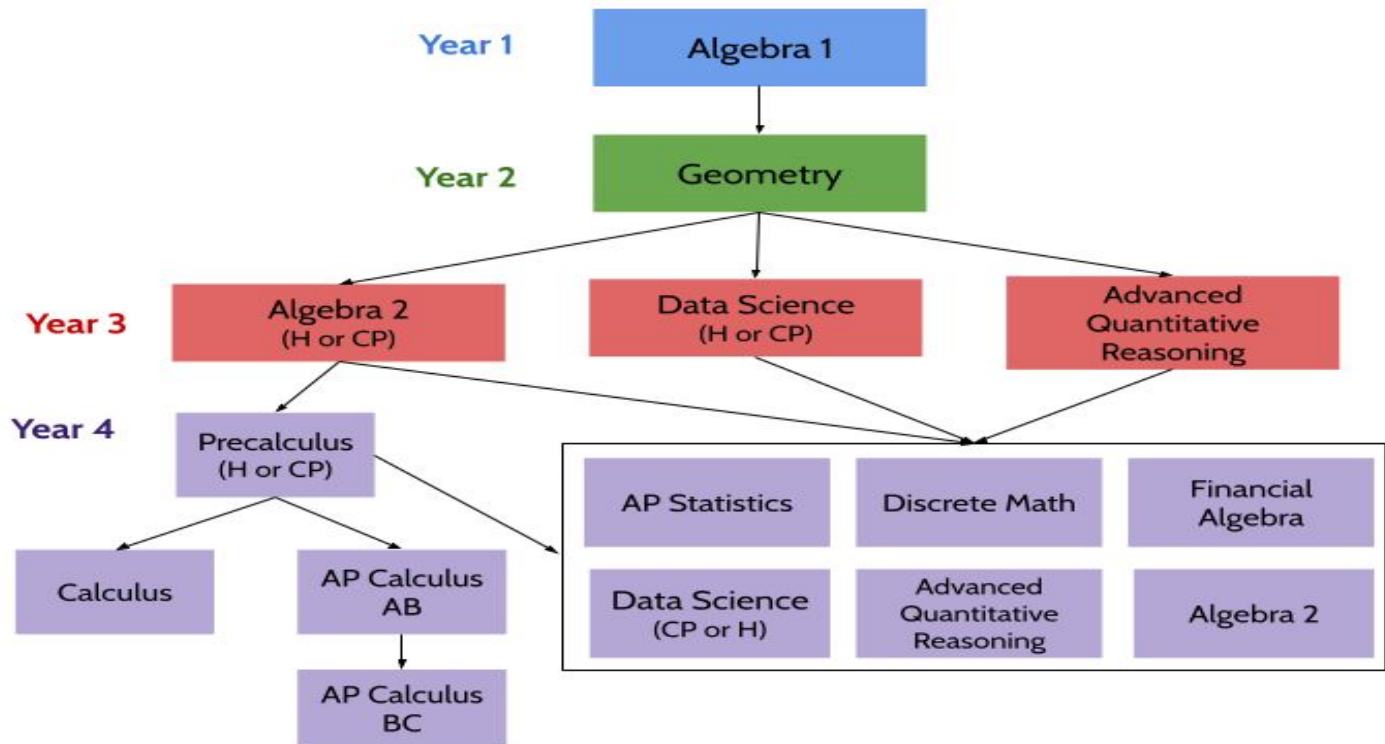
1. Current Success

2. Challenge

3. Balance

Math Classes Flowchart

Year Long Courses (1 MATH credit)



Elective Credit: 5 elective credits needed

Elective credit includes any credit received outside of those needed as Graduation Requirements.

Elective credits can be found in the core subjects and in following areas:

- **World Language**
- **Applied Business and Technology**
- **Special Areas**
- **Fine Arts (Art/ Music and Theater)**
- **Engineering/Project Lead the Way**
- **Marketing Education**
- **Teaching Professions Academy**
- **Career Technical Education courses**

PE Class vs PE Waiver

- All students need 1/2 credit of PE in order to meet graduation requirements.
- [Milford High School PE waiver](#)
- **PE Waiver Requirements:** Students who participate in the following activities may fill out a PE waiver instead of taking the PE class. Those activities are:
 - 2 seasons of a school sponsored sport
 - 2 seasons of marching band
 - 2 years of JROTC
 - You can combine one season of a sport with a PE class/Need to complete the PE Waiver once class & season is completed.
 - Must be completed by the end of the junior year, without exceptions.
 - Juniors who have not taken PE or completed the PE waiver requirements will be taking PE during their senior year.



Health: Required course for graduation

All students must complete a ½ credit health course in order to graduate.

If you have not completed the course yet, your options are:

- 1. Take online health in summer school during the summer of 2025.**
- 2. Be enrolled in the in-person health class during your senior year.**

AP Courses:

- College level courses
- Preparing for an AP exam to potentially earn college credit
- Prepare for an increased workload
- Just because you can, doesn't mean you should
 - ***BALANCE
- Take AP level courses in those areas that you enjoy and excel at most
- Remember that colleges are looking for well-rounded students

Important Dates:

January 24th

- AP Presentation
Available Online

February 13th:


- AP Seminar Info meeting during conferences: B14
5-5:30pm
- CCP Info meeting:
Auditorium 5:45-6:30pm

Planning Tools: Course Selection Guide

Course Selection Worksheet

2024 - 2025 Milford High School Course Options		
Grade 12 (Class of 2025)		
		Student ID#
<p>Instructions for completing Course Selection Worksheet: Place an "X" in the first column next to each course you choose. Check prerequisites carefully. You can find prerequisites in the Course Selection Guide. There are quarter classes next year. Please make sure that your total class semester number is 14 (7 full year bells). Use the "Sem" column to get these numbers Highlighted sections mean that you must select a course (most likely a graduation requirement course).</p>		
KEY	CAREER EXPLORATION ELECTIVES	CORE SUBJECT ELECTIVES
* Prerequisite required	CAREER TECHNICAL EDUCATION	ENGLISH
** Teacher recommendation required	X Code Course Name Sem	EN81 Mystery 1
*** Application, invitation, or audition required	S447 Biomedical Science II * 2	EN82 Sci Fiction/Fantasy 1
ENGLISH	S448 Biomedical Science III * 2	EN83 Rhetorics 1
X Code Course Name Sem	S441 Principles of Engineering 2	EN84 Poetry Reading & Writing 1
EN83 CP English 12 2	S442 Digital Electronics 2	EN85 Young Adult Award Winners 1
EN84 AP English Language & Composition 2	S445 Computer Integrated Manufacturing * 2	EN86 Shakespeare 1
MATHEMATICS	S450 Computer Science Engineering 2	EN87 Creative Writing 1
X Code Course Name Sem	S443 Aerospace Engineering * 2	EN88 Cinema Studies 1
MA22 CP Algebra 2 * 2	S444 Engineering Design & Development 2	SA53 ACT Preparation (Math and English) * 1
MA23 Honors Algebra 2 ** 2	APPLIED BUSINESS & TECH	MATHEMATICS
MA31 Advanced Quantitative Reasoning ** 2	X Code Course Name Sem	SA53 ACT Preparation (Math and English) * 1
MA25 Probability & Statistics * 2	AB07 Financial Literacy 1	SOCIAL STUDIES
MA32 CP Precalculus & Trigonometry * 2	AT21 Web Design 1	SS46 Contemporary Issues 1
MA33 Honors Precalculus & Trig ** 2	AT07 Entrepreneurship 1	SS52 Pop Culture 1
MA30 Discrete Math * 2	AT40 AP Computer Science Principles 2	SS47 Social Psychology 1
MA34 Financial Algebra ** 2	AT41 AP Computer Science A ** 2	SS54 Local History 1
MA40 Honors Calculus * 2	MARKETING EDUCATION	SS16 AP Psychology 2
MA50 AP Statistics * 2	X Code Course Name Sem	SS48 AP Human Geography 2
MA51 AP Calculus AB * 2	BU34 Marketing IV ** 2	SS53 AP World History 2
MA52 AP Calculus BC ** 2	BU95 Marketing Internship ** 2	AP GADSTONE
SCIENCE	TEACHING PROFESSIONS ACADEMY	X Code Course Name Sem
X Code Course Name Sem	X Code Course Name Sem	APRes AP Research 2
SC19 CP Chemistry ** 2	SA31 TPA I 2	VISUAL ARTS ELECTIVES
SC241 Honors Chemistry ** 2	SA32 TPA II * 2	X Code Course Name Sem
SC25 CP Physics ** 2	SA35 TPA IV * 2	AR10 2D Design 1
SC53 Environmental Science * 2	SA33 TPA Internship A ** 2	AR11 Drawing & Painting I 1
SC61 Oceanography 1	SA34 TPA Internship B ** 2	AR31 Drawing & Painting II * 1
SC88 Astronomy 1	SPECIAL AREAS	AR14 Photography I 1
SC90 Field Ecology ** 1	X Code Course Name Sem	AR04 Photography II * 1
SC91 Infectious Diseases 1	SA50 JROTC 2	AR44 Contemporary Photography * 1
SC88 Biodiversity * 1	SA57 Tech Squad ** (semester 1) - MOVE TO 1	AR20 Ceramics I 1

Course Online Planning Worksheet

2025-2026 REQUESTS				
Upcoming 12th Grade				
NOTES PAGE				
Use this Notes Page to brainstorm which courses you would like to take in each area next year. Course selection worksheet available here:				
				
Subject Area	Notes from Counselors	Number of semesters	Course Code	Name of Course
Example	Example	2	EN52	Honors English 10
English	12th (English 12)			
Math	See Math Course Flowchart (in Course Selection Guide)			
Science	11th/12th (Advanced)			
Social Studies	12th (American Government)			
Electives	Students will need to have 14 semesters scheduled (7 classes per semester). This can include two semesters of study hall. For each Elective Course request, please make sure to select an Alternate Elective Course.			
Add up the total # of semesters you have requested.				

Completing the Course Selection Worksheet

[Course selection planning sheet](#)

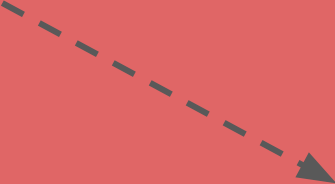
[How to:Scheduling Worksheet Video](#)

- Select Required Courses first. Talk to your current teacher if you are having difficulty selecting what level to choose.
- Count the semesters:Under the SEM column: 1=one semester course, 2=full year course. Your total number should be 14.
- Select alternate choices for your elective courses in the event that a course will not be offered OR scheduling permits the class from working in your schedule.

Alternate Classes:

Please select alternates that you WANT to take!

Select 3 alternate semester classes



Count total number of semesters of your course requests & write the number here:			
<u>This number should equal 14</u> (do not include alternatives).			
CHOOSE 3 ALTERNATE SEMESTER ELECTIVES			
ALT Code	Course Name	Sem	
1			
2			
3			

****If you do not put anything, your counselor will pick for you!**

Online Scheduling is due February 20th!!!!

Important Dates:

Feb. 11th: Scheduling Flex: How to Online Schedule; Online Scheduling opens!

Feb 13th: Parent/Teacher Conferences @ 3-6:30pm

Scheduling Fair 3-5:30pm (Drop-in; Media Center)

CCP Meeting @ 5:45-6:30pm (Auditorium)

AP Seminar Meeting @5:00-5:30pm (B14)

Feb. 19th: Sign Up for Individual Conferences 3-6:30pm

Feb. 20th: Extended HR/Activate; Online PowerSchedule Options DUE!

Feb. 24th: [Appeal Waivers](#) due to Counseling Office

March 3rd- 14th: Individual Meetings with Counselor During English Classes

Schedule Policy:

- Please make sure that you are putting thought and taking account future plans when making your schedule selections
- The only time to request a schedule change will take place the week before school begins.
 - There will be in person and virtual opportunities
 - More detailed information will be shared with parent and students at a later date



ALL schedules for the school year will be FINAL on the first day of school

Questions?

Email, Flex/Study hall, Scheduling Fair, Conferences

[Visit the Milford High School Counseling site](#)

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