

Madeira High School Course Planner



2026-2027

www.madeiracityschools.org

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Table of Contents

Information in this Course Planner is current as of printing (January 2026). Some offerings and/or course descriptions may be subject to change. Some courses listed in this Course Planner may be withheld and not offered in the 2026-2027 school year based on registration numbers.

Graduation Requirements	3
Testing	6
College Preparatory Requirements.	7
Early Graduation.	8
Classification of Students.	8
Grading System and Receiving Credit.	8
Transcript Information.	9
Academic Honors.	11
School Counseling Programs.	12
Planning the Academic Program.	14
Athletic Eligibility	17
CollegeBoard Advanced Placement Program.	18
Credit Flexibility	19
College Credit Plus	19
Great Oaks Career Development Programs	21
Art	22
Business, Technology, and Media Communications	24
English	26
Family and Consumer Science	30
Mathematics	31
Music	35
Physical Education and Health	37
Science	38
Social Studies	42
World Languages	46
Elective Courses	51
Appeals Criteria	52
Planning Sheets	54
Course Fees	55

Graduation Requirements

Graduation Requirements for Madeira High School Students

The Board of Education of Madeira City Schools has approved the following requirements for graduation. Students and families must read the requirements very carefully; they are responsible to be sure that all requirements are met to qualify for graduation. These requirements exceed the minimum standards established by the Ohio Department of Education.

English	4.0 credits
Math	4.0 credits
Science (1)	3.0 credits
Social Studies	4.0 credits
World Languages (2)	2.0 credits
Physical Education (3)	0.5 credit
Health	0.5 credit
Personal Finance	0.5 credit
Fine Arts (4)	1.0 credit
Electives	2.0 credits
TOTAL MINIMUM CREDITS	21.5 credits

Community Service (5) 40 hours

(1) Of the 3.0 required Science credits, 1.0 must be in Physical Science and 1.0 must be in Life Science.

(2) Students must take two years of the same language. The two-year requirement may be waived by the World Languages Department with the approval of the principal with consideration of the following circumstances and needs of the student:

- the student is enrolled or placement is verified in General English
- the requirement is specifically waived as a part of a formalized student assistance plan
- the student's educational team determines that the requirement waiver is appropriate

(3) The .5 credit in Physical Education is typically met through two .25 credit semester courses. Any student who, during high school, participates in interscholastic athletics, marching band, color guard, winter guard or cheerleading for at least two full seasons may waive the Physical Education requirement for graduation. However, any student who takes advantage of the PE waiver will have to complete .5 credit in another course of study and reach the required 21.5 credits to graduate.

If a student does not complete a full season of an interscholastic sport, marching band or cheerleading, that season will not count toward the two full seasons needed to waive the Physical Education graduation requirement. If a student completes the waiver at Madeira High School and moves to another district prior to graduation, the receiving district is not obligated to honor the PE waiver earned at Madeira

PE courses scheduled in the spring are subject to the May 15 course change deadline. If the student opts to use the PE Waiver, the course will remain in the student's schedule and will be counted as an elective graduation requirement. *The PE Waiver cannot be used in the 12th grade year.*

(4) Creative Foods, Music, Art, Photography, Video Broadcasting (previously Video Productions), Graphic Design, Color Guard, Digital Media, STEAM Studio, Theater Tech, Beginning Guitar, Media Design I and II, Graphic Media Productions, and Game Design courses meet the Fine Arts requirements.

(5) Forty (40) hours of documented Community Service must be completed by the beginning of the 4th quarter in the senior year.

Because Community Service hours are meant to encourage students to contribute to our local community and beyond, services performed for family members will not be eligible for consideration. Additionally, any paid hours are not eligible for approval. NOTE: Before a student in 12th grade can be eligible to participate in senior lunch, she/he must have completed at least 30 of the 40 community service hours required for graduation and those hours must be submitted via Innerview and approved by the Counseling Office.

Students who transfer to Madeira High School from another school may have the Community Service requirement adjusted. As a rule, there will be ten (10) hours required for each school year in attendance at Madeira High School. Specific questions should be directed to the school counselor.

Service Hour Restrictions – In some circumstances, there are limits to the number of service hours that can be earned in a particular activity. These can be subject to ongoing review and adjustment. Here are examples:

- *Fostering Animals* – While fostering an animal in one's home is an admirable activity; it is important to be balanced and equitable when assigning service hours that will apply for graduation and the Service Cord. No more than two hours per day may be earned for fostering an animal at home. In addition, there must be written documentation that this fostering is in conjunction with an animal shelter, veterinarian or another organization established to promote the well-being of animals.
- *Donations* – Service hours requested for donations of food, clothing or other items will be limited to five hours in a given school year towards the graduation and/or Service Cord requirement, regardless of the quantity of items donated. The associated service organization must have a written procedure that addresses awarding service hours for donations.

Students will be notified if a service hour submission is being reviewed.

Community Service Cord

Madeira High School honors students who demonstrate exemplary service of at least 150 approved hours by awarding a Service Cord. This cord is worn at graduation to celebrate the spirit of service at Madeira High School. The 150 hours of service must be documented by the beginning of the 4th quarter of the senior year. This cord is worn at graduation to celebrate the spirit of service at Madeira High School.

Graduation Requirements for Madeira High School Students Attending a Great Oaks Career Campus

English	4.0 credits
Math	4.0 credits
Science (1)	3.0 credits
Social Studies	3.0 credits
Physical Education	0.5 credit
Health	0.5 credit
Financial Literacy	0.5 credit
Fine Arts, Technology or Foreign Language	1.0 credit
Career and Tech Course	6.0 credits
TOTAL MINIMUM CREDITS	22.5 credits

Community Service (2) 40 hours

(1) Of the 3.0 required Science credits, 1.0 must be in Physical Science and 1.0 must be in Life Science.

(2) Forty (40) hours of documented Community Service must be completed by the beginning of the 4th quarter in the senior year.

In order to complete the enrollment process, students and their parent(s) will sign the Great Oaks application stating that they are required to attend their career campus program for a minimum of two weeks prior to requesting a return to Madeira High School.

Additional State of Ohio Graduation Requirements

Permanent Requirements for Classes of 2023 and Beyond

Students in the classes of 2023 and beyond will be required to meet the permanent requirements set by the State of Ohio in order to graduate. For additional detail, please visit

<https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Ohio%E2%80%99s-Graduation-Requirements>

The permanent requirements are listed below:

1. **Demonstrate Competency:** Students must demonstrate competency in math and English by passing the state's Algebra I and English II tests (with a raw score of 684 or higher). Students who have taken required tests more than once without passing and have received remedial supports are able to show competency through one of the options below:

- Earn credit for one math and/or one English course through College Credit Plus;
- Demonstrate career readiness and technical skill through foundational and supporting options;
- Enter into a contract to enlist in the military upon graduation.

2. **Demonstrate Readiness (State and Local Seals):** Students must earn two diploma seals, one of which must be state defined, to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. *If students earn or qualify for a seal from another school/state/district prior to enrolling at Madeira High School, Madeira City Schools will honor the earned seal, and students will be awarded the graduation seal at Madeira High School.*

Diploma Seals defined by the State of Ohio include the following:

- OhioMeansJobs Readiness Seal - Meet the requirements and criteria established for the readiness seal as determined by the Ohio Department of Education, including demonstration of work-readiness and professional competencies.
- State Seal of Biliteracy - Meet the requirements and criteria as determined by the Ohio Department of Education, including proficiency requirements on assessments in a world language and English.
- Industry-Recognized Credential Seal - Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions.
- College-Ready Seal - Earn remediation-free scores on the ACT or SAT as determined by the Ohio Department of Education.
- Military Enlistment Seal - Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or Participate in an approved JROTC program.
- Science Seal - A student can: 1. Earn a final course grade that is equivalent to a "B" or higher in an Advanced Science course; 2. Earn a score of proficient on Ohio's State Test in Biology; 3. Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate science test; or 4. Earn a "B" or higher in a College Credit Plus science course.
- Honors Diploma Seal - Earn one of six Honors Diplomas outlined here: 1. Academic Honor Diploma 2. International Baccalaureate Honors Diploma 3. Career-Tech Honors Diploma 4. STEM Honors Diploma 5. Arts Honors Diploma 6. Social Science and Civic Engagement Honors Diploma.
- Technology Seal - A student can 1. Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate exam; 2. Earn a final course grade that is equivalent to a "B" or higher in an appropriate class taken through the College Credit Plus program; or 3. Complete a course offered through the district or school that meets guidelines developed by the Department. (A district or school is not required to offer a course that meets those guidelines.) (For local courses, a minimum of 1.0 credit must be earned by taking one of more of the following courses: Digital Media, Graphic Design, Music Media, STEAM Studio, Video Broadcasting, Introduction to Game Design, Theater Tech)

- **Citizenship Seal** - To earn Ohio's Citizenship Seal, students must satisfy one of the listed American History options and one of the listed American Government options:
 - o American History options: 1. Earn a final course grade that is equivalent to a "B" or higher in an American History course; 2. Earn a score of proficient or higher on Ohio's State Test in American History; 3. Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test in US History; 4. Earn a "B" or higher in appropriate American History College Credit Plus course.
 - o American Government options: 1. Earn a final course grade that is equivalent to a "B" or higher in an American Government course; 2. Earn a score of proficient or higher on Ohio's State Test in American Government; 3. Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test in US Government; 4. Earn a "B" or higher in appropriate American Government College Credit Plus course

Locally defined Seals include:

- **Fine and Performing Arts Seal** - A student will complete a minimum of 2.0 credits in Fine Arts courses.
- **Student Engagement Seal** – A student will successfully complete two seasons with a Madeira High School athletic team, marching band, color guard, winter guard and/or cheerleading – and/or – a minimum of two years of documented involvement in one or more school affiliated clubs/organizations – and/or – successful completion of two years in a Great Oaks program lab experience.
- **Community Service Seal** – A student will successfully complete the minimum Community Service requirement for graduation from Madeira High School.

Testing

Graduation Tests

In addition to completing the required credits, students must also successfully complete Ohio's State Tests. The State of Ohio requires all students to complete all six assessments prior to selecting one of the three graduation options listed here.

Option 1: End-Of-Course (EOC) exams (also referred to as AIR Tests) are:

- Algebra I and Geometry or Integrated Math I and II
- Biology
- American History and American Government
- English (ELA) II

To ensure students are well rounded, they must earn a Performance Level score of 3 or higher and/or a minimum score of 684 on the ELA II and Algebra I end of course exams.

Performance Level

- 5 - Advanced
- 4 - Accelerated
- 3 - Proficient
- 2 - Basic
- 1 - Limited

Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in biology, American history or American government may take and substitute test scores for end-of-course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these subjects for end-of-course state exams.

Option 2: Industry credential and workforce readiness

Students earn 12 points through a State Board of Education-approved, [industry-recognized credential or group of credentials](#) in a single career field and achieve a [workforce readiness score](#) on the [WorkKeys](#) assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment.

Option 3: College admission test

Students earn “remediation-free” scores in English language arts and mathematics on a nationally recognized college admission exam. The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take the exam free of charge.

For more detail about end of course testing, please visit the Ohio Department of Education website - <https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Ohio%E2%80%99s-Graduation-Requirements/Demonstrating-Competency>

Additional Tests and Assessments

PSAT: This practice SAT is a mandatory test for 11th grade students as a component of their college and career planning process. This test is the qualifier for the National Merit Scholarship Program. 10th grade students may also take this test for experience and must register for the test in advance and pay a registration fee of approximately \$15-20.

ACT at Madeira High School: An ACT (without writing) will be offered for all 11th grade students in the spring. This ACT administration will be during the school day as part of the state of Ohio’s assessment requirements. Students will not be charged a fee for this specific assessment and will not need to register through the ACT website.

SAT/ACT: These college admissions tests are administered on national test dates on Saturdays at designated test sites. Students must register online and pay the cost required by the testing agency.

AP Exams: Advanced Placement examinations are administered in May on national test dates in various subject areas. In order to receive a weighted grade for an AP course, students **must** take the associated AP exam.

Students enrolled in an AP course are required to take the Advanced Placement test and are required to pay the test fee prior to taking the test (approximate cost is \$100 with possibly higher fees for individual exams as determined by the College Board). AP Exam fees will be assessed through the gathering of course fees in the fall of the school year. College credit may be awarded to students who achieve a score recognized by the college (the amount of credit and any grades assigned varies by institution).

If a student does not take the AP exam for any reason, there may be a return fee determined by the CollegeBoard charged to that student. Grade weight is not applied until the course and exam are successfully completed.

Madeira High School will administer AP exams for all AP courses offered on campus during the school year. In the case of exams for courses not offered, alternate testing sites close to Madeira High School will be investigated and the AP Coordinator will work with these neighboring test sites in an attempt to schedule the exam.

College Preparatory Requirements

Suggested Minimum College Entrance Requirement

With the great diversity that now exists in higher education, it is not possible to recommend a standard program of preparation for college that can be applied to all persons. A student planning to enter college should select **at least** the following:

Language Arts - 4 credits

Mathematics - 4 credits

Science - 3 credits

Social Studies - 4 credits

World Languages* - 2 credits

Fine Arts - 1 credit

*Note: Two to three years of the same language may be required for admission to college.

Early Graduation

The Madeira Board of Education acknowledges that some students seek to pursue educational goals that include graduation from high school at an earlier date than their designated class.

A student who completes the requirements for early high school graduation may participate in the graduation ceremonies with his/her designated class or the class graduating in the year in which she/he completes the District's requirements for high school graduation. Students interested in early graduation should see their school counselor for more details and to obtain the formal application.

Classification of Students

The 9th grade start date (year of entry into high school in the State of Ohio) is used to determine the grade level of each student. The following credit amounts are suggested to benchmark students' progress from grade to grade:

Sophomore - 5.0 credits

Junior - 10.0 credits

Senior - 15.5 credits

A student who has not obtained the necessary credits during the regular school year is encouraged to develop a credit recovery plan with their school counselor.

Grading System and Receiving Credit

Madeira High School uses the following grading scale:

	<u>Grade Weight</u>		
	<u>CP</u>	<u>Honors</u>	<u>AP</u>
90-100% = A	4.0	4.5	5.0
80-89.99% = B	3.0	3.5	4.0
70-79.99% = C	2.0	2.5	3.0
60-69.99% = D	1.0	1.5	2.0
0-59.99% = F	0.0	0.0	0.0

**Refer to p. 20 for College Credit Plus (CCP) grading scale information*

Incomplete Grades

All incomplete grades must be made up within two weeks after the quarter ends unless prior arrangements have been made with the teacher. If no prior arrangements have been made, the incomplete grade will become a 'F' after the two-week time limit has ended. All seniors must have incomplete grades resolved to allow participation in graduation.

How Final Grades for a Course are Determined

1. Count each quarter grade as two grades and each exam grade as one (i.e., four quarters plus two exams equal ten grades).

2. Add up all these grades (A=4, B=3, C=2, D=1, F=0).

3. Divide by the number of grades.

4. Round off to get your final grade:

0.0-0.599 = F

0.6-1.499 = D

1.5-2.499 = C

2.5-3.499 = B

3.5-4.0 = A

-To receive credit for a yearlong course, a student must earn a passing grade in at least two of four grading periods in addition to quality points. One of the passing quarters must be in the second semester. The minimum passing grade is 0.6.

-To receive credit for a semester course, a student must earn a passing grade in at least one of two grading periods in addition to quality points.

-All Incomplete grades must be made up by the last day of school. If not, these will become failing grades. No senior will be able to graduate with an Incomplete grade.

Senior Exam Exemption

Senior students may be exempt from their final exams provided the following criteria are met (This does not apply to any state mandated end of course exams).

- A or B average for the second semester grade in any class where an exemption is sought. The average is computed using letter grades assigned for each quarter.
- No third and/or fourth quarter final grades of D and/or F in the second semester in any class where an exam exemption is sought.
- Students must have cleared all incomplete grades no later than the last Friday in April in order to be eligible to participate in exam exemption.
- All community service hours must be complete and submitted to the Counseling Office for processing no later than the first day back from Spring Break. Failure to submit the 40 hours by this date precludes the student from any exam exemptions. Seniors not completing their community service by this time could have senior lunch privileges revoked.
- Seniors participating in College Credit Plus courses are required to follow the exam guidelines established by their teacher in cooperation with their university professor.

Failure to take exams that are required and/or scheduled could result in an exam grade of zero that may negatively impact semester and final grades for the year. This grade will also be recorded as an Incomplete grade and the student will not be allowed to graduate or participate in Commencement.

Any student may elect to take final exams to raise a semester grade in any class where an exam is offered.

Transcript Information

A transcript is the official academic record of each student. All students will receive copies of their transcripts at the end of each semester. The student is responsible for seeing that the transcript is accurate. If there is an error on the transcript, the student should notify the school counselor.

Grading Scale and Additional Marks

90-100% = A
80-89.99% = B
70-79.99% = C
60-69.99% = D
0-59.99% = F

I = Incomplete work, unable to assign grade (will change to F if work is not completed within two weeks)

P = Pass, no effect on GPA

WF = Withdraw Failing

WP = Withdraw Passing

NP = Not Passing, this mark is awarded by a college/university for a College Credit Plus course

Class Rank

Class rank will not be reported on the high school transcript. If required from an institution, a written statement of class rank can be provided when specifically requested by the student and/or the student's family.

Weighted Courses

Grades for Honors courses are elevated by 0.5 (e.g., a 'B' earns 3.5 points) and are indicated by 'HN'. Grades for Advanced Placement courses are elevated by 1.0 (e.g., a 'B' earns 4.0 points) and are indicated by 'AP'. Grade weight is not applied until the course is successfully completed. Courses that receive weight follow:

Art

AP Studio Art

AP Calculus AB

AP Computer Science Principles

Business and Media Communications

HN Financial Accounting

Science

HN Chemistry

AP Chemistry

HN Biology

AP Biology

HN Human Anatomy and Physiology

HN Physics

AP Physics 1

AP Physics C: Mechanics

AP Environmental Science

English

HN English 9

HN American Literature

AP English Language and Composition

AP Seminar

AP Research

AP English Literature and Composition

World Languages

HN French 3

HN French 4

AP French Language and Culture

HN Latin 3

HN Latin 4

AP Latin

HN Spanish 3

HN Spanish 4

AP Spanish Language and Culture

Social Studies

HN World History

AP United States History

AP World History

AP Psychology

AP United States Government and Politics

AP Economics

Mathematics

HN Algebra 2

HN Geometry

HN Precalculus

AP Statistics

CCP Embedded Courses at MHS

ENG 1001 - English Composition (CP English 12)

MATH 1022 - Trigonometry (CP Precalculus)

FIN 2081 - Personal Finance

ACC 101 - Financial Accounting

ENTR 2001 - Essentials of Entrepreneurship

MKT 101 Principles of Marketing

MNG 101 Principles of Management

Declared Courses

Each year students in grades 9-12 may declare one (1.0) credit consisting of one full year course or two semester courses or four quarter courses or a combination of two quarter courses and one semester course as a "not for GPA credit" course for the purpose of grade point average computation, subject to the conditions listed below. Grades for declared courses will still be issued and credits will be granted. Grades and credits will appear on the official transcript of the student (see #7 below).

Conditions:

Students enrolled in at least six courses can elect to take an elective course for credit but not have it count in the calculation of their grade point average (GPA). Parent permission is required for students under the age of 18.

Students 18 years or older may sign their own intent form.

1. Declared courses are limited to one full year course or two semester courses each year. A maximum of four full year equivalent courses may be declared over the course of high school enrollment (two semester courses are the equivalent of one full year course).
2. Students may not accumulate declared courses. If the declaration is not made in a given year, the number of courses which may be declared over the course of high school enrollment will be reduced by one (i.e., if no course is declared in the 9th grade year, the number of eligible courses to be declared would be reduced to three).
3. Only students and/or the parent(s) of students (as provided above) in grades 9-12 are eligible to make such declarations.
4. Declared courses will carry a grade and appropriate credit and will be used for honor roll calculations. Declared courses will not be used in determining GPA.
5. Students may declare an elective course in any area if it is not a graduation requirement. Visual and performing arts courses may be declared after the required 1.0 graduation requirement is met.

6. Students enrolled in seven courses may elect to declare a second course provided it meets all the above criteria.
7. The deadline for course declarations (including 2nd semester courses) will be 3:00 on Friday of the second full week of the school year. Changes in a declared course(s) will not be permitted, except in unusual circumstances and any such exceptions will require the approval of the principal.

Academic Honors

Honor Roll

Scholarship is recognized and encouraged through an academic honor roll compiled at the end of each quarter.

'A' Average Honor Roll - 4.0 or above average*

'B' Average Honor Roll - 3.0 to 3.99 average*

*Grades of a 'D', 'F', or 'I' will make a student ineligible for honor roll status.

Top Senior Status

Top Senior status will be calculated at the end of the first semester in the 12th grade. Seniors with weighted GPAs of 4.0 or higher will be considered Top Seniors.

Honors Diploma Criteria

The criteria for the Ohio Honors Diplomas are stated below. High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. To meet honors diploma requirements, students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences.

Ohio students have the opportunity to choose to pursue **one** of six honors diplomas: *Academic Honors Diploma, International Baccalaureate Honors Diploma, Career Tech Honors Diploma, STEM Honors Diploma, Arts Honors Diploma, and Social Science and Civic Engagement Honors Diploma*. Madeira High School's Graduation Requirements most closely align with the Academic Honors Diploma requirements, which are outlined below. If you want to learn more about the other five honors diplomas, visit:

<https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Contacts-and-Resources/Honors-Diplomas>

Students need to fulfill all but one of the applicable criteria for the **Academic Honors Diploma**:

1. Math - 4 units (Fourth math must be >Algebra 2)
2. Science - 4 units of science, including 2 units of advanced science. (Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with AP science course or entry-level college course.)
3. Social Studies - 4 units
4. World Languages** - 3 units of one world language, or no less than 2 units of each of two world languages studied
5. Grade Point Average** - 3.5 on a 4.0 scale (unweighted)
6. ACT/SAT Score** – 27 ACT/1280 SAT
7. Seal Requirement - Earn two additional diploma seals, not including Honors Diploma Seal
8. Experiential Learning - Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning (*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning)

**** Student Strength Demonstration Replacement:** Students can use the Student Strength Demonstration to replace one of either the *ACT/SAT, GPA or World Language* requirement for any Honors Diploma. The Student Strength Demonstration options are listed below:

College Credit Plus: 12 total College Credit Plus credit hours

Advanced Placement: three courses with score of 3 or higher on AP tests

Career-Technical Assurance Guide (CTAG): 12 total credits

Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18

WorkKeys: Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma)

Armed Services Vocational Battery: Score of 50 or above on the ASVAB

Work-Based Learning: 250 total hours of work-based learning

AP Capstone Diploma

The College Board's AP Capstone is an innovative college-level program based on two courses - AP Seminar and AP Research - that complement and enhance discipline-specific AP courses.

The program gives students a chance to practice core academic skills they need to complete college. The ability to think independently, write effectively, research, collaborate, and learn across disciplines is essential for success in college, career, and beyond.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. This signifies their outstanding academic achievement and attainment of college-level academic and research skills. Students who earn scores of 3 or higher in both AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

AP Capstone was developed in response to feedback from higher education and is easily implemented, affordable, and flexible. It has the potential to differentiate and transform high schools and their students by elevating the learning environment through a challenging, college-level program with high standards of assessment.

AP Capstone Diploma status will be noted on final transcripts based on AP scores available at the time of a student's graduation.

School Counseling Programs

Counseling Services

School counseling professionals provide a comprehensive program of counseling services for the students, parents and faculty of Madeira High School. Included in these services are academic, college, career/technical and personal counseling.

Mrs. Natalie Uihlein, Counselor - A-F (also last name G for the Class of 2027)

Ms. Kristen Duffey, Counselor - G-N

Ms. Kim Homer, Counselor - O-Z

Mrs. Melissa Tatum, Administrative Assistant

Academic Planning and Support

Course Selection: Students are assisted in planning their course selections by their counselor and their teachers. Every effort is made to ensure that every student has an academic load that is appropriately rigorous, fits with college/career/technical aspirations and meets graduation requirements. Counselors will meet with each student during the school year to talk about scheduling plans and concerns.

Guided Study Hall: For students who demonstrate difficulty with organization and study habits, the Guided Study Hall provides a small setting during the school day to work on homework and class work with a Madeira High School staff member. While assistance provided is not content specific, this academic intervention can be a helpful boost to academic performance. An approval process involving the students, teachers, parents and counselors is required prior to entering the Guided Study Hall.

Postsecondary Planning and Counseling

College Selection and Admission Information: This is a service for juniors and seniors to help them begin making their postsecondary plans. A detailed explanation is given on how to plan for the next steps after high school, including selecting a college and how to apply for admission. Parents will be invited to attend junior and senior year college and career planning meetings with their student and school counselor.

Financial Aid Information: Counselors will explain to students how to apply for and receive financial aid. Financial aid programs discussed will include scholarships, grants, loans and work study. Madeira High School hosts a Financial Aid Night each fall in partnership with a local university to present the most up to date information for families.

Parent College Information Meetings (for Junior and Senior families): College Information Nights are held for junior and senior high school parents and families to familiarize them with all aspects of postsecondary planning.

SchoolLinks: This is a web-based service that Madeira High School students can use to find career and college resources and information. Students and families are provided with login information through email and at school. For more information or help with accessing this system, please contact your school counselor.

College Admissions Representatives: Representatives from many colleges visit Madeira High School in the fall of each school year. Students, usually 11th and 12th graders, are permitted a pass for one period during the school day to meet with a college representative. Students can register for these meetings through SchoolLinks.

College Visits: To visit a college campus, a two-part visitation form must be obtained from the Main Office or Counseling Office prior to the visit. The first part must be completed prior to the visit (and returned to the attendance office). The second part must be completed by an appropriate college official and returned to the High School office after the visit occurs. Absences for college visits without the completed form will be considered unexcused.

Career and Technical School Counseling

Job Postings: Many area employers are in contact with the Counseling Office to find part-time student employees. Employment positions are posted in the Counseling Office.

Career and Technical School Counseling: A thorough orientation is available to students who are interested in attending either the Live Oaks or Scarlet Oaks Career Campus. Campus visitations and meetings with counselors at the Great Oaks campuses are arranged through the Counseling Office. Students will apply during their sophomore year. If accepted, students will attend for both their junior and senior year. More information can be found at <https://www.greatoaks.com/>

Personal Counseling

Individual Counseling: The counselors provide assistance to students, staff and parents with personal and social issues as they relate to school adjustment, including failing grades, teacher-student relationships, study skills, motivation, etc. Students experiencing emotional/mental health issues that impact their learning meet with school counselors and may be referred to appropriate outside agencies.

Group Guidance: Test interpretation, college information, information about Great Oaks programs and other topics are often handled in classroom to grade level size groups.

Cincinnati Children's Hospital Mental Health Partnership: Through a mutual agreement with CCHMC, Madeira High School counselors may refer students directly to a CCHMC therapist who keeps office hours on our campus.

School Psychologist Referral: The school psychologist is available for consultation with parents to assess at what level a student is working and to determine what specific needs a student has.

Outside Agency Referrals: The Counseling Office has information to help both students and parents make contact with agencies that can meet specific needs.

Special Education Needs: Assistance, coordination and case management are provided for students with individualized education plans.

Confidentiality

School counselors are ethically bound to maintain confidentiality with their students. Conversations between students and counselors are private, however confidentiality will be broken if there is evidence of serious or foreseeable harm to the student or to others. Some examples include harm to self or others, child abuse, sexual abuse and/or the report of a felony.

Informational Services and Resources

SchoolLinks: This is an online career and college information service used by the high school for students in grades 9-12. It is a comprehensive website available to families to help with decisions about courses, colleges, and careers. SchoolLinks is used to track and analyze data about college and career plans and allows students to explore careers, research colleges, sign up for meetings with college representatives, search for scholarships and have access to information from the Counseling Department. All college applications will be requested and processed through the SchoolLinks system.

Scholarships: An extensive scholarship file accessed through SchoolLinks is open to students and families, with information about scholarship opportunities and application information. More information can be found on the [Senior Class Page](#) on the High School's website.

Records

Cumulative File: The Counseling Department staff maintains each student's complete school history including grades and test results. Files are available for students and their parents upon request.

Credit Standing: Credit checks for graduation are completed in the Counseling Office.

Recognition

Awards Day Program: Students who have distinguished themselves through commendable service to the school or outstanding academic achievement will be recognized at the Awards Day Program (grades 9-11) or the Senior Awards Night. Parents are invited to attend these spring programs facilitated by the Counseling Department.

Planning the Academic Program

Registration Information

The selection of courses is an important decision for students and their families. Careful thought should be given to future plans, goals and the selection of courses based on these plans. Students should seek as much information as they need from parents, teachers and counselors. Individual conferences may be arranged with teachers and/or counselors by contacting the school.

While it is important for students to challenge themselves academically, it is also very important to make the level of challenge appropriate for the individual student. As teachers make recommendations for rigorous coursework that may include Advanced Placement and/or College Credit Plus offerings, observation of a particular student's level of anxiety, frustration and ability to cope with academic stress may play a part in these recommendations. Students and families are encouraged to seek balance in the academic day and consult with teachers and counselors when selecting coursework that matches the student's ability to successfully cope with the course requirements.

Scheduling

1. Every student who is enrolled as a full-time student must take four core subject areas each day (the core areas are English, Math, Science, Social Studies, World Language, and/or Business).
2. Students may have no more than one study hall per day and must plan for a minimum of six full periods each semester, regardless of course level.
3. Summer school or evening school credits will not be accepted for graduation unless approval by the Madeira High School counselor is given prior to registration for the course.

Changes in course requests may be made any time in the months between the scheduling meeting with the counselor in February/March through May 1st. After May 1st, all course requests will be locked.

The only course changes that will be made in the fall or at the beginning of the 2nd semester will be those necessitated by schedule conflicts, failure of a course or data entry errors. Students must make informed decisions about courses requiring summer assignments because these courses will not be dropped at the beginning of the school year due to incompleteness of work.

Course Selection Procedure

1. Become familiar with the *Course Planner*.
2. Study the requirements for graduation.
3. Develop a sequence of courses that will both meet graduation requirements and your post-graduation plans.
4. Discuss your course selections with your parents.
5. Complete the Course Registration Plan sheet.

Note: Failure to return your Course Registration Plan sheet on time will result in being scheduled last.

Schedule Changes

Students and parents should give careful consideration in developing a sound educational plan and an appropriate schedule prior to the end of the current school year.

Changes in course requests may be made any time in the months between the scheduling meeting with the counselor in February/March through May 1st. After May 1st, all course requests will be locked.

The only course changes that will be made in the fall or at the beginning of the 2nd semester will be those necessitated by schedule conflicts, failure of a course or data entry errors. Students must make informed decisions about courses requiring summer assignments because these courses will not be dropped at the beginning of the school year due to incompleteness of work.

Reasons that may justify schedule changes:

1. Program error, such as the omission of a required subject.
2. Failure of a subject in the previous year and/or completion of summer school.
3. Level changes based upon teacher recommendation after documented efforts to provide intervention.
4. Requirements needed for entry to a Great Oaks program or to meet graduation requirements.

Request to Drop a Class

When a student requests to drop a course and add another, the following procedures should be noted:

1. A drop will not be permitted if it results in more than one study hall.
2. After the second week in a semester, a student may drop a class only with the written permission of the parent, teacher, counselor and administrator. Course changes will only be considered for special circumstances.
3. The student may receive a mark of WP or WF if the course drop is approved.

Fees

All fees listed in this *Course Planner* are tentative and may be subject to change. Actual costs cannot be fully determined until teachers begin to order supplementary materials needed for courses in June of the previous school year.

Course Transfers

Students who transfer to a different level of the same course (i.e., AP or Honors English to CP English) will take their grade with them. No weight is applied to any grade until the end of the school year. As an example, a 'C' in AP English will equal an unweighted 'C' in CP English.

Extracurricular Eligibility

Extracurricular activities are secondary to academics in importance and are a privilege for those students who take part in them. Therefore, the following guidelines will be used to determine a student's extracurricular eligibility.

1. Eligibility is based on all subjects taken by a student.
2. Eligibility is based on a cumulative average from the beginning of a grading period through the end of each week being checked.
3. A student will be given a "warning" the first time a cumulative 'F' is received in one or more subjects during a given grading period. A student on "warning" may still participate, but becomes ineligible with the second 'F', even though the second 'F' may be in a different subject than the one that received the first grade of 'F'.
4. Each cumulative 'F' that a student receives after the first occurrence, regardless of the subject, will cause a student to be ineligible for extracurricular participation for a period of seven days (for example, Monday a.m. to Monday a.m. the following week).
5. Eligibility reports will be turned in by all teachers to the Athletic Director by 3:30 p.m. each Friday, with the results reported to the respective coaches/sponsors the following Monday.
6. A student must be passing five classes, excluding Physical Education classes, at the end of each quarter to be eligible for participation the following quarter.

Athletic Eligibility – High School Athletes

Students at Madeira High School who wish to participate in interscholastic athletics must meet the eligibility standards as established by the Ohio High School Athletic Association. A student must be passing subjects that earn a minimum of 5 credits per year toward graduation at the end of each quarter to continue athletic participation for the next quarter.

Athletes must be scheduled for and pass five (5) credit bearing classes (excluding PE and/or Study Skills) every quarter of the year to be eligible to participate. If a student fails to pass 5 credits in a quarter, the athlete is ineligible for the entire next quarter. Summer school credits do not affect eligibility requirements.

Special Considerations for students participating in College Credit Plus:

This rule also applies to students taking College Credit Plus courses away from the Madeira High School campus. For the purpose of athletic eligibility calculations, 3 semester college credit hours are equivalent to 1 high school credit (see more detailed statement below).

Please note the following information provided by OHSAA (each Institution of Higher Education may have different procedures - students must check with the IHE prior to beginning the CCP course):

“If a student is taking all course work at the post-secondary institution under the College Credit Plus program, the calculation of equivalency has changed. Please note that in accordance with By-law 4-4-1, all courses taken in College Credit Plus must count toward high school graduation.

In addition, students electing to enroll in CCP must be certain that 1) The faculty members at the post-secondary institution understand that they will need to provide grades or a progress report at the time when the high school's grading period is over, and 2) The student-athlete is taking enough course work at the post-secondary institution exclusively or between the post-secondary institution and the high school combined to be equivalent to five one-credit courses. Calculating equivalency of credits in the post-secondary institution is conducted in the same manner as in the high school, based on the Carnegie unit. College courses for which three or more semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately. This means that courses which are four, five, six or even seven hours of credit receive just one Carnegie unit.”
(Guidelines for Student Athletic Eligibility Produced by The Ohio High School Athletic Association)

Athletic Eligibility for Prospective College Athletes

All prospective student-athletes who want to play NCAA Division I or II or NAIA intercollegiate athletics must adhere to NCAA or NAIA Eligibility Requirements.

Students and parents should view the information for [NCAA](#) and for [NAIA](#).

Be sure to ask your coach, athletic director or counselor about these requirements or contact the offices of NCAA and/or NAIA directly.

For a current list of Madeira High School courses approved by the [NCAA Initial Eligibility Center](#) go to and enter our NCAA/CEEB code - 363130. Any College Credit Plus courses must be submitted to the NCAA for possible approval as core courses. It is the student's responsibility to inform the counselor of these courses so that the submission and review process can take place prior to beginning the course. Without this notice, the counselor may not be aware of the student's intent to include a CCP course as part of the core course calculation.

CollegeBoard Advanced Placement Program

Advanced Placement (AP) is a program in which high school students may complete college-level studies while they are still in secondary school. These are challenging courses that require more work than regular or college preparatory courses. Students are enrolled in these courses based on previous grades and recommendations. Summer work may be required. In order to receive a weighted grade for an AP course, students **must** take the associated AP exam.

Each year in May, students enrolled in Advanced Placement courses take the AP examinations. Each examination is approximately three hours in length. Final grades, based on the student's entire examination of free response and multiple-choice questions, are reported on a five-point scale:

- 5=extremely well qualified
- 4=well qualified
- 3=qualified
- 2=possibly qualified
- 1=no recommendation

"Qualified" means that the student has proven capable of doing the work of an introductory-level course in a particular subject at college. Many colleges and universities grant credit and placement for scores of 3, 4 or 5; however, each college decides which scores it will accept. To see college policies for AP scores, visit the [AP Credit Policy Search](#).

Students enrolled in an AP course are required to take the Advanced Placement test and are required to pay the test fee prior to taking the test (approximate cost is \$100 - as determined by the College Board). This is a student expense that will be included on the fee bill. For more information, contact your school counselor.

If a student does not take the AP exam for any reason, there may be a return fee (determined by the CollegeBoard) charged to that student. Grade weight is not applied until the course is successfully completed.

Madeira High School will administer AP exams for all AP courses offered on campus during the school year. In the case of exams for courses not offered, alternate testing sites close to Madeira High School will be investigated and the AP Coordinator will help the student and family work with these neighboring test sites in an attempt to schedule the exam. While it is important for students to challenge themselves academically, it is also very important to make the level of challenge appropriate for the individual student. Students and families are encouraged to seek balance in the academic day and consult with teachers and counselors when selecting coursework that matches the student's ability to successfully cope with the course requirements.

Credit Flexibility

The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics; and to meet the demand for 21st century skills. Credit flexibility shifts the focus from “seat time” to performance. Students can earn units of high school credit based on an individually developed and school approved credit flexibility plan.

Students can earn high school credit by:

- Completing coursework
- Testing out or showing mastery of course content
- Pursuing an educational option and/or an individually approved plan
- Any combination of the above

Students wishing to pursue a course through credit flexibility must adhere to all student scheduling dates and meet with a teacher licensed in the area being pursued prior to the submission of a proposal for that course.

All credit flexibility applications must be approved by a committee of counselor, teacher and administrator before the start of an academic term using the following dates:

- April 15** - for a full year course, a first semester course or a summer course
- December 15** - for a second semester course

Students interested in pursuing credit flexibility must obtain the application from their school counselor.

It is critical for the student interested in playing college sports to be aware of requirements for high school coursework determined by NCAA, NAIA, etc. College Credit Plus and/or Credit Flexibility courses may not be approved by NCAA, NAIA, etc. as core courses, even if these courses apply towards high school graduation requirements.

College Credit Plus

Madeira High School and area Institutions of Higher Learning (IHE) in Ohio have partnered to offer both high school and college credit for selected courses. These courses are college courses with the same rigor and demands as the same course taken on the college campus. Students may also opt to take college coursework on the college campus or as an online course offering. Each school year in January, there are annual information sessions available for interested students and families to attend to learn more about the College Credit Plus program.

In order to participate in the College Credit plus program, there are 3 steps:

1. Eligibility: A student is eligible for the College Credit Plus program if the student meets any of the following criteria:

- Obtains a remediation-free score on one of the standard assessment exams
- Has a cumulative unweighted high school grade point average of at least 3.00
- Has a cumulative unweighted high school grade point average of at least 2.75 but less than 3.00 and received an "A" or "B" grade in a relevant high school course.

2. College Admission

- Students must apply for admission at each institution
- Admission is reviewed per the requirements of the college or university; contact the college to find specific information
- College applications include the permission slip for mature content and a questionnaire about emotional maturity
- Colleges have the final decision on student admission

3. Course Registration

- The college will discuss course options with the student, based on assessment scores, prerequisites, and other requirements
- School counselors can help students understand graduation requirements and CCP course substitutions
- High schools and colleges develop 15 and 30 credit hour pathways to help you determine your plan (see Model Course Pathways)

Credit and grades earned in these courses will be reported as transcribed credit by the associated and also included on the high school transcript. There is no cost to the student for this college credit earned at a public IHE if a passing grade is earned. College credit earned may be applied to meet requirements in Ohio colleges and universities. Out of state colleges and universities will make independent decisions about accepting these courses as transfer credit.

Participation in these courses is subject to acceptance into the associated IHE and attendance at a counseling session prior to participation in the program. As in the college application process, requirements and selectivity for each IHE may vary and will be determined by the IHE. It is vital for the student and family to recognize that, while this is an outstanding opportunity to engage in college coursework and earn credit while still in high school, there are other important aspects for consideration:

- The college credit will be recorded on a college transcript and become part of the student's official college record. If low grades are earned in the course, these will not be dropped from the transcript. The grade will also be retained on the high school transcript.

- Regardless of the high school cumulative GPA, a GPA will be computed for the college transcript. This college GPA may have an impact on the student's eligibility for future scholarship consideration (for example, if a college requires a minimum college GPA of 2.0 to be eligible for a scholarship; a student below the 2.0 would not qualify even if the cumulative high school GPA is much higher).

- CCP courses will be weighted equivalent to the highest level of a Madeira High School course by department. (For example, if the highest-level course in a department at MHS is an AP offering, the CCP course will be weighted the same). The Ohio Department of Education also allows local decisions in applying weight to additional CCP courses. Madeira High School will continue CCP weighting for courses in the Business Department. CCP courses that fall outside a MHS academic department will not receive weight.

- Final grades on the high school transcript will match what is reported on the college transcript. If the grading scales do not match, the highest equivalent grade achievable on the high school's grading scale will be awarded.

- Students may take no more than 30 credit hours through the College Credit Plus program in one academic school year (summer through spring) – a Madeira High School yearlong course is equivalent to a 3 credit CCP course.

- Students must notify the Counseling Office by completing the Textbook Request Form as soon as textbooks are determined for a given course. Textbooks purchased by Madeira City Schools must be returned at the conclusion of the college course. Current CCP regulations will determine the division of textbook payment responsibility between the Madeira City Schools and the student.

This link will provide a Model Course Pathway for students interested in taking CCP courses in conjunction with Madeira High School classes.

- [Cincinnati State \(15 hour pathway\)](#)
- [Cincinnati State \(30 hour pathway\)](#)
- [University of Cincinnati \(15/30 hour pathways\)](#)

Please refer to the [CCP Page](#) on Madeira's HS Counseling website for more details, policies, and required forms (Intent Form, Textbook Requests, etc.).

The Counseling Office must be notified in writing about interest in College Credit Plus by April 1 of the preceding school year by completing the CCP Intent Form available in the Counseling Office. Some IHE may require additional testing prior to admission to the program or to meet prerequisites (ALEKS, ACT, etc.)

It is critical for the student interested in playing college sports to be aware of requirements for high school coursework determined by NCAA, NAIA, etc. College Credit Plus and/or Credit Flexibility courses may not be approved by NCAA, NAIA, etc. as core courses, even if these courses apply towards high school graduation requirements. CCP classes will be submitted for the NCAA Initial Eligibility Center approval process only if Madeira High School students are enrolled in a CCP course. Classes will not be submitted in advance of enrollment and approval of these courses as NCAA core courses is solely the decision of the NCAA. Student athletes are responsible for notifying their School Counselors of their enrollment and request for NCAA approval of courses before the add/drop no fault deadline of the university.

Great Oaks Career Development Programs

Students may elect to attend one of the Great Oaks Career Campuses during their 11th and 12th grade years and earn certification in a career field as well as college credit while completing their high school requirements. Registration for these programs is done by application with assistance from your school counselor. The online application is available in November and the first deadline is usually in January. The Great Oaks campuses are an extension of the Madeira High School curriculum. Students who attend the Career Campus will graduate and receive their high school diploma from Madeira High School upon completion of all requirements and are eligible for athletics and other extracurricular activities.

Course offerings at the Career Campuses are designed to develop the aptitude and skills of students for job entry upon graduation and students access up to date labs, equipment and tools that are used in industry. Students are encouraged to continue their education at postsecondary institutions and are eligible for college admission. Specific information on requirements can be found at <https://hs.greatoaks.com/> and/or at the Madeira High School Counseling Office.

Live Oaks is the affiliated Career Campus for Madeira High School students. If a student is interested in a program not offered at Live Oaks, there is a possibility of attendance at one of the other three Oaks campuses. Students may participate in all Madeira High School extracurricular activities if scheduling and transportation can be arranged.

Important Note: In order to complete the enrollment process, students and their parents will sign the application stating that the student is required to attend the career and technical program for a minimum of two weeks prior to requesting a return to Madeira High School.

Art

For graduation from Madeira High School, students must earn one credit in Fine Arts. Art is an excellent subject to satisfy this requirement. Any student with the interest and desire to master the basic skills can be successful in this creative field.

Course	Grade Level	Length	Credit	Prerequisite
8701 Art Fundamentals 1	9-12	S	0.5	
8702 Art Fundamentals 2	9-12	S	0.5	8701
8703 Advanced Art 3	10-12	S	0.5	8702
8704 Advanced Art 4	10-12	S	0.5	8703
8705 3D Fundamentals	10-12	S	0.5	8701
8800 Beginning Digital Photography	10-12	S	0.5	
8801 Advanced Digital Photography	10-12	S	0.5	8800
8706 AP Studio Art	12	Y	1.0	8701, teacher approval

8701 and 8702 Art Fundamentals 1 and Art Fundamentals 2 Grade: 9-12 Credit: 0.5

This introductory course concentrates on building a strong foundation for the beginning high school artist. Projects are designed to promote basic drawing skills with emphasis on the elements and principles of art. Students will create 2-dimensional artworks, developing their art skills and control of art media. Concepts taught may include value, stipple, line shading, grid drawing, still life, proportion, perspective, simulated texture and drawing from observation. Media used may include pencil, colored pencil, charcoal, pastels, markers, ink, fiber, acrylic paints and watercolors. This course may be taken twice. Projects will be separated into two levels (1 and 2).

8703 and 8704 Advanced Art 3 and Advanced Art 4 Grade: 10-12 Credit: 0.5

This course is designed for the serious art student considering post-secondary study in a visual art related field. The emphasis will be on exploring a variety of approaches to observational studies while discovering a personal style of expression. Students must complete a body of work consisting of 10-15 pieces. This course requires a serious focus and commitment to developing as a student as well as willingness to spend time working outside of class. This course may be repeated requiring a new body of work from the student artist.

8705 3D Fundamentals Grade: 10-12 Credit: 0.5

This course provides students with the opportunity to explore a variety of 3-dimensional concepts and experiences. Students will create quality works of art while studying issues concerning sculpting, design, art history, art criticism and production. Students will create geometric and organic forms using the subtractive and additive techniques of carving, modeling, construction and assemblage. Media used may include wire, papier mache, plaster, stained glass, fused glass, clay and natural objects.

8800 Beginning Digital Photography Grade: 10-12 Credit: 0.5

This course is designed to introduce the fundamentals of beginning digital imaging and use of the computer as an art medium. Students will learn the basic principles of digital photography and its specific applications to the visual arts. This class is designed around Adobe Photoshop software. Students will develop their aesthetic and artistic potential through digital capture, manipulation, output, portfolio design and critiques. Students are required to have their own digital camera and memory card. This course may only be taken once.

8801 Advanced Digital Photography Grade: 10-12 Credit: 0.5

This course is designed for the mature photographer. Students will expand their skills learned in Beginning Digital Photography with an emphasis on personal expression and development of creativity. Students will research the life and history of famous photographers, while exploring the world of digital experimentation, documentary photography and portfolio development. Students are required to have their own digital camera and memory card. The prerequisite course is Beginning Digital Photography with a grade of 'C' or better. This course may be repeated requiring a new body of work from the student artist.

8706 AP Studio Art Grade: 12 Credit: 1.0

The AP Studio Art course has been developed to accommodate serious art students who have expressed an interest in the practical experience of art and wish to develop mastery in the concept, composition, and execution of their ideas. AP Studio Art is not based on a written exam; instead, students will submit portfolios for evaluation at the end of the school year. In building the portfolio, students experience a variety of concepts, techniques and approaches designed to help them demonstrate their abilities as well as their versatility with techniques, problem solving, and ideation. The AP Studio Art Portfolio Exam contains two sections: Sustained Investigation and Selected Works. Both sections require you to share information in writing about your work.

As in any college level course students will be expected to spend a considerable amount of time outside of class in order to complete projects and sketchbook assignments. Teacher approval and signature is required for this course. **In the spring, students are required to submit the Advanced Placement portfolio and are required to pay the associated fee in advance (approximate cost is \$100).**

Business, Technology, and Media Communications

Course	Grade Level	Length	Credit	Prerequisite
7970 HN Financial Accounting	11-12	Y	1.0	Min. 3.0 GPA for CCP
7463 Entrepreneurship	11-12	S	0.5	Min. 3.0 GPA for CCP
7461 Personal Finance	11-12	S	0.5	Min. 3.0 GPA for CCP
7505X CCP Principles of Marketing**	11-12	S	1.0	Admitted to CCP institution
7503X CCP Principles of Management**	11-12	S	1.0	Admitted to CCP institution
7757 Video Broadcasting	11-12	S	0.5	
7740 Media Design I	9-12	S	0.5	
7742 Media Design II	9-12	S	0.5	7740
7770 Graphic Media Productions	11-12	S	0.5	

(Personal Finance is a required course for all 11th grade students. Due to limited space in the master schedule, all of the electives listed may not be offered, based upon overall registration numbers.)

***CCP Principles of Marketing and CCP Principles of Management will be offered in alternating school years. These courses are available to students who meet eligibility criteria and are admitted to the partner college credit plus institution.*

7970 HN Financial Accounting Grade: 11-12 Credit: 1.0

This college level course covers the fundamentals of financial accounting and their application to journals, ledgers, and financial statements. Through in-depth discussions, financial analysis, and coursework, students will cover the accounting cycle for a corporation. This course moves at a rapid pace and includes challenging exercises. There is a workbook fee. A minimum GPA of 3.0 or higher is required for the College Credit Plus option.* This course is typically offered through a CCP partnership with Cincinnati State. If students enroll in the CCP section, they earn additional credits.

7463 Entrepreneurship Grade: 11-12 Credit: 0.5

This semester course is designed to integrate essential elements of entrepreneurship into a competition between teams. Students will create and execute a business plan for a non-profit company while completing a variety of tasks.

Working well with others is a must. The competition will focus on various areas of business: sales, marketing, promotions, charities, finance, advertising pitches, management and creating a business plan. Students need to be **motivated, creative**, and have an entrepreneurial spirit. Team capacity is based on the number of competitive tasks assigned and therefore this class has a strict capacity of no more than 24 students. A minimum GPA of 3.0 or higher is required for the College Credit Plus option.* This course is typically offered through a CCP partnership with the University of Cincinnati. If students enroll in the CCP section, they earn additional credits.

7461 Personal Finance Grade: 11-12 Credit: 0.5

This semester course will focus on money management techniques, employee pay and benefits, personal income taxes, budgeting and investing. Students will understand various investment options including savings, stocks, bonds and mutual funds, as well as the cost of credit. Students will learn the importance of making sound financial decisions. A minimum GPA of 3.0 or higher is required for the College Credit Plus option.* This course is typically offered through a CCP partnership with the University of Cincinnati. If students enroll in the CCP section, they earn additional credits.

7505X CCP Principles of Marketing Grade: 11-12 Credit: 1.0

This semester-long College Credit Plus (CCP) course is delivered primarily online and introduces students to the broad and integrated system of activities organizations use to provide products and services that satisfy customer needs. While selling and advertising are the most visible aspects of marketing, students will explore the full scope of the field, including market research, consumer motivation and behavior, product development, pricing, promotion, and distribution. Students will learn how marketers deliver the right product, with the right message, at the right place, price, and time. Although instruction occurs online, students should expect required in-person class meetings focused on collaborative work and

guided support for a culminating capstone project that applies course concepts to real-world marketing situations. * *Students must be admitted and enroll as a CCP student at the partner institution. A minimum GPA of 3.0 is required for the College Credit Plus option.*

7503X CCP Principles of Management Grade: 11-12 Credit: 1.0

This semester-long College Credit Plus (CCP) course is delivered primarily online and introduces students to the history and fundamental concepts of modern management. Students will study core management functions including planning, organizing, leading, and controlling, as well as global and domestic business environments, change and quality management, team leadership, and effective communication skills for managers. Although instruction occurs online, students should expect required in-person class meetings that provide guided support, collaboration, and application of course concepts through a culminating project and related activities. **Students must be admitted and enroll as a CCP student at the partner institution. A minimum GPA of 3.0 is required for the College Credit Plus option.*

7757 Video Broadcasting Grade: 11-12 Credit: 0.5

In this semester course self-motivated students will learn the art of creating a variety of video projects. Students will have the opportunity to write scripts, direct, edit and learn post-production techniques. Most filming will occur outside of school and some acting may be involved. The class is responsible for the production of "What's Up Madeira?" **Students must have strong time management skills and the ability to work in an unstructured environment.** This course counts towards the Fine Arts credit requirement for graduation. This course may be taken more than once including both semesters in one school year.

7740 Media Design I Grade: 9-12 Credit: 0.5

In this semester-long course, students will develop and refine creative skills through a variety of visual projects designed for both commercial and personal use. Students will explore principles of graphic design and media broadcasting while working across multiple media formats, including social media platforms and video production. Using a range of design software and video tools, students will create original graphic and video content that reflects industry practices. This project-based course fulfills the Fine Arts credit requirement for graduation. **IRC's (Industry Recognized Credentials) may be available for all students to earn in Adobe Photoshop and Adobe Premiere Pro.**

7742 Media Design II Grade: 9-12 Credit: 0.5 Prerequisite: 7740

In this semester-long advanced course, students will expand and refine their creative and technical skills through more complex visual projects for commercial and personal use. Emphasis is placed on advanced graphic design, broadcasting concepts, and multi-platform content creation, including strategic use of social media and video production. Students will work with industry-standard design software and video tools to produce polished, professional-quality graphic and video elements while managing projects from concept to final product. This project-based course fulfills the Fine Arts credit requirement for graduation and is designed for students who have successfully completed Media Design I or have instructor approval. **IRC's (Industry Recognized Credentials) may be available for all students to earn in Adobe Photoshop and Adobe Premiere Pro.**

7770 Graphic Media Productions Grade: 11-12 Credit: 0.5
Prerequisite: Media Design I and II (waived for 2026-27)

This course is designed for students interested in social media and digital arts, focusing on real-world digital media production. Students develop skills in **graphic design**, photography, audio/video editing, animation, and content creation while working independently and collaboratively. Using platforms such as Instagram, YouTube, and others, students create, implement, and critique digital marketing campaigns—including social media, online advertising, websites, podcasts, and video content. The course emphasizes project management, communication, leadership, and employability skills, with hands-on projects that support local business partners and build on skills learned in Media I & II including use of Adobe Creative Suite, Final Cut Pro, Canva, or similar editing/production platforms. Students will also gain access to *DAK Classroom* - a video board production platform. Students will assist with the video production of school activities and events for the school district.

**All CCP courses require a CCP Intent Form. This must be turned in to the Counseling Office by April 1 of the preceding spring.*

English

All students must pass 4.0 credits of English in order to graduate. All required courses are one year in length. Students will be required to obtain copies of books when assigned. **Summer reading is recommended for all students and required for all AP and Honors students.** If a student moves from an Honors or AP class to another level during the school year, the unweighted grade remains.

Students are recommended for a particular level by their present English teacher. Criteria include previous grades in English, teacher recommendation, work ethic, motivation and norm referenced ability scores. If a student and his/her parents wish to choose a level other than the one recommended, they must appeal. To appeal, both the student and the parent must write a letter to the English Department Chairperson. The parent letter must indicate that the parent has spoken to the recommending teacher and address the concerns brought up in that conversation. See 'Appeals Criteria' in this Planner for more detail. **Deadline for all appeals is NO LATER THAN 3:00 p.m. on March 20 (or the next school day in session)**

A thorough knowledge of all language skills is essential today. In order to be better prepared for college or a job, or just to pursue a particular interest, a student may wish to pick up extra English electives.

Course	Grade Level	Length	Credit	Prerequisite
1164 Fundamental English	9-12	Y	1.0	By recommendation
1113 English 9	9	Y	1.0	
1112 CP English 9	9	Y	1.0	
1111 HN English 9	9	Y	1.0	By recommendation
1143 English 10	10	Y	1.0	
1142 CP English 10	10	Y	1.0	
1141 AP English Language and Composition	10-12	Y	1.0	By recommendation
1161 Honors American Literature	11-12	Y	1.0	
1171 AP Seminar	11-12	Y	1.0	1141
1181 AP English Literature and Composition	11-12	Y	1.0	1141
1183 English 12	12	Y	1.0	
1182 CP English 12	12	Y	1.0	Min 3.0 GPA for CCP
1897 AP Research	12	Y	1.0	1171
1200 Myths, Legends, and Folklore	9-12	S	0.5	
1204 Mystery Literature	9-12	S	0.5	
1202 Literature and Film	9-12	S	0.5	
1892 Creative Writing **	9-12	S	0.5	
1860 Public Speaking/Communication **	9-12	S	0.5	
1853 College 101 **	11	S	0.5	
1852 College 102 **	12	S	0.5	

**** 1892, 1660, 1853, and 1852 cannot be used to fulfill the English graduation requirement.**

1164 Fundamental English 9-12 Grade: 9-12 Credit: 1.0

This course focuses on the acquisition and continuing development of reading, writing, language and thinking skills required to function successfully in school and in the community. This course focuses on reading and writing from a life skills perspective, including functional vocabulary, using email and social communication. This course is individualized to meet the needs of each enrolled learner based on IEP goals and objectives.

1113 English 9 Grade: 9 Credit: 1.0

This yearlong course places an emphasis on writing and thinking skills. In addition, students will be strengthening their reading comprehension skills with fiction and nonfiction. Public speaking may also be included. The goal of the course is to improve a student's college and career readiness in literature, grammar and composition.

1112 CP English 9 Grade: 9 Credit: 1.0

This yearlong course covers grammar, composition, oral presentation, vocabulary development, fiction and nonfiction. Research skills are included. A survey of the different kinds of literature covers short stories, drama (including Shakespeare), novels, poetry and essays.

1111 HN English 9 Grade: 9 Credit: 1.0

This course is designed for the superior English student. The fundamentals of writing, both creative and expository -- as well as public speaking -- will be emphasized. Students will be expected to master over 400 vocabulary words by year's end and develop a thorough understanding of the rules of grammar and punctuation. Summer reading is required, and various reading assignments throughout the year may include short stories, novels, and drama (including Shakespeare).

1143 English 10 Grade: 10 Credit: 1.0

This yearlong course places an emphasis on writing and thinking skills. In addition, students will be strengthening their reading comprehension skills with fiction and nonfiction. Public speaking may also be included. The goal of the course is to improve a student's college and career readiness in literature, grammar and composition.

1142 CP English 10 Grade: 10 Credit: 1.0

This yearlong course covers grammar, composition, oral presentation, vocabulary development, fiction and nonfiction. Research skills are included. A survey of the different kinds of literature may include short stories, drama (including Shakespeare), novels, poetry and essays.

1141 AP English Language and Composition Grade: 10-12 Credit: 1.0

This class is designed for the exceptional and serious English student as an introduction to AP English coursework. Analytical writing, argumentative writing, and research will be emphasized. Students will complete extensive reading and writing assignments. In addition, summer reading is required. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).**

1161 Honors American Literature Grade: 11-12 Credit: 1.0

This survey course of American literature is designed for the superior English student. The course focuses on fiction and nonfiction with literary merit, including poetry, short stories, novels, and essays. Analysis and composition skills will be covered. In addition, summer reading is required.

1171 AP Seminar Grade: 11-12 Credit: 1.0 Prerequisite: 1141

This class is designed for the exceptional and serious English student. Thematic study which investigates issues from multiple perspectives will be emphasized. Students will complete extensive reading and writing assignments, including research-based writing. Oral and visual presentation is a major part of the course, as is collaborative work. This presentation and collaborative work is a course requirement set by College Board. Summer reading is required. To be eligible for the AP Capstone Diploma, students must take this class junior year so that they can take AP Research senior year. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).** AP English Language and Composition is a prerequisite for this course.

1897 AP Research Grade: 12 Credit: 1.0 Prerequisite: 1171

This course is designed for the exceptional and serious AP student. It is the second course in the AP Capstone program. Students will conduct yearlong research in a topic, problem, or issue of their choosing. The research will culminate in a 4,000 - 5,000 word academic paper and a presentation with an oral defense. Summer work is required. To be eligible for

the AP Capstone Diploma, students must take this class senior year. **In the spring, students are required to submit, present, and defend their work and are required to pay the course fee (approximate cost is \$100).** Students must meet AP criteria. **AP Seminar is a prerequisite for this course.**

1181 AP English Literature and Composition Grade: 11-12 Credit: 1.0 Prerequisite: 1141

This class is designed for the exceptional and serious English student. Both American and British literature will be emphasized. Students will complete extensive reading and writing assignments. Advanced literary analysis and composition skills will be covered. Summer reading is required. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).** AP English Language and Composition is a prerequisite for this course.

1183 English 12 Grade: 12 Credit: 1.0

This yearlong course places an emphasis on writing and thinking skills. In addition, students will be strengthening their reading comprehension skills, with an emphasis on nonfiction. Public speaking may also be included. The goal of the course is to improve a student's college readiness in literature, grammar and composition.

1182 CP English 12 Grade: 12 Credit: 1.0

This course focuses on argumentation, research, and writing style. It is an introduction to college level writing and involves analysis of high-quality composition, the writing process, and using research to inform written arguments. * This course is typically offered through a CCP partnership with the University of Cincinnati. A minimum GPA of 3.0 or higher is required for the College Credit Plus option. If students enroll in the CCP section, they earn additional credits.

1204 Mystery Literature Grade: 9-12 Credit: 0.5

This semester course dives into the world of mystery and detective fiction, from classic whodunits to modern thrillers. Students will explore how authors build suspense, develop complex characters, and use clues, red herrings, and plot twists to engage readers. Through reading, discussion, and analysis, students will examine themes like justice, morality, and human psychology, while uncovering what makes a mystery truly compelling. Because most mysteries revolve around crime(s), the reading may include content some readers might find disturbing. The class is best suited to students who feel comfortable with this content.

1202 Literature and Film Grade: 9-12 Credit 0.5

This semester course examines the relationship between literature and film, exploring how stories change when adapted for the screen. Students will analyze novels, short stories, or plays alongside their film versions, considering choices made in direction, casting, and visual storytelling. The class also treats select films as literary texts, studying elements like theme, symbolism, and narrative structure to deepen critical understanding of both mediums. Please be aware that this course will involve the study and analysis of films that may carry a PG, PG-13, or R rating.

1200 Myths, Legends and Folklore Grade: 9-12 Credit: 0.5

This semester class offers students the opportunity to read, hear, and research traditional stories from cultures around the world. It emphasizes the common patterns of storytelling and also their unique cultural variations, focusing on how storytelling helps people learn about their own lives through imagination. Students will find these narrative and character structures in modern media and literature and will have the chance to write both creatively and philosophically.

Elective Courses *(These courses cannot be used to fulfill the English graduation requirement)*

1892 Creative Writing Grade: 9-12 Credit: 0.5

This course offers students instruction and practice in writing original expressions of various literary genres including poetry, autobiography, short stories and anecdotes. Students will compile their original pieces in a literary magazine. *This elective course is not used to meet the graduation requirement for English.*

1860 Public Speaking/Communication Grade: 9-12 Credit: 0.5

This course introduces students to the conceptual knowledge and practical skills of public speaking while emphasizing the incredible value of communication in the 21st century. Additionally, this course prepares students for future college courses and careers that require research, organizational skills, critical thinking and speaking skills. Many different types of speeches are assigned that equip students with the necessary skills to engage in a variety of public speaking situations, both formal and informal. *This elective course is not used to meet the graduation requirement for English.*

1853 College 101 Grade: 11 Credit: 0.5

This semester class is designed to help students prepare for the college experience. Topics will include how to plan for college, what characteristics to look for in a college or university, the search process, the application process and financing your education. Students will also receive preparation for the ACT and SAT with test taking strategies and tips to help them improve their scores. This 11th grade class will be offered in the 2nd semester. *This elective course is not used to meet the graduation requirement for English.*

1852 College 102 Grade: 12 Credit: 0.5

This semester class is designed to help students apply to colleges and prepare for the college experience. Topics will include the college search and application process, using SchooLinks and the Common Application, and preparing for the ACT and SAT with test-taking strategies and tips to help them improve their scores. Students will also receive feedback on college essays and supplementals. This 12th grade class will be offered in the 1st semester. *This elective course is not used to meet the graduation requirement for English.*

Family and Consumer Science

These courses provide the student with basic knowledge and skills that will be useful for a lifetime. The courses are practical, enjoyable and applicable both now and in the future. Some students may select this as a college major because it offers many career opportunities. High school courses will provide students with a sampling of the variety of fields that can be explored at the college level.

Course	Grade Level	Length	Credit	Prerequisite
6809 Creative Foods 1	9-12	S	0.5	
6891 Creative Foods 2	9-12	S	0.5	

6809 Creative Foods 1 Grade: 9-12 Credit: 0.5

In this semester course, students will be introduced to the basics of cooking, baking, kitchen safety, knife skills, and preparing food. Students will be exploring directions from packaged foods, comprehending simple recipes from class, using a variety of ingredients and understanding the importance of food safety. Students will be getting familiar with using the oven, stovetop, and microwave. Teamwork and planning are definite attributes of this course.

6891 Creative Foods 2 Grade: 9-12 Credit: 0.5

In this semester course, students will cook and bake with recipes using common kitchen appliances. Students will collaborate and choose foods that they are interested in making. Emphasis will be on homemade foods and fundamental techniques refined and strengthened. Teamwork and planning are definite attributes of this course.

Mathematics

Graduation requirements call for at least four credits of math (including Algebra 2) for each student. Students who are planning to take technical training or go to college after high school should plan to take at least Algebra 1, Algebra 2 and Geometry. HN Algebra 2 and HN Geometry are solid college prep courses and prepare students for HN Precalculus, AP Calculus and AP Statistics. Most colleges are now strongly recommending four years of high school math. Students are recommended for a particular level by their present math teacher. Criteria include previous grades in math, teacher recommendation, work ethic, motivation, norm referenced ability scores and balance of challenge/rigor in the student's overall schedule of courses. If a student and her/his parents wish to choose a level other than the one recommended, they must appeal. To appeal, both the student and the parent must write a letter to the Mathematics Department Chairperson. The parent letter must indicate that the parent has spoken to the recommending teacher and address the concerns brought up in that conversation. See 'Appeals Criteria' in this Planner for more detail. To ensure proper scheduling, students changing levels **MUST** schedule a meeting with the Mathematics Department Chairperson. **Deadline for all appeals is NO LATER THAN 3:00 p.m. on March 20 (or the next school day in session).**

Course	Grade Level	Length	Credit	Prerequisite
2193 Applied Math	9-12	Y	1.0	See course description
2011 Introductory Algebra	9	Y	1.0	See course description
2006 Integrated Math 1	10	Y	1.0	See course description
2007 Integrated Math 2	11	Y	1.0	See course description
2192 CP Algebra 1	9-10	Y	1.0	See course description
2012 CP Advanced Algebra 1	9	Y	1.0	See course description
2111 HN Algebra 2	9	Y	1.0	See course description
2194 Algebra	9-10	Y	1.0	See course description
2013 Geometry	10-11	Y	1.0	See course description
2151 CP Geometry	10-11	Y	1.0	See course description
2153 CP Advanced Geometry	10	Y	1.0	See course description
2141 HN Geometry	10	Y	1.0	See course description
2171 CP Algebra 2	11-12	Y	1.0	See course description
2172 CP Advanced Algebra 2	11	Y	1.0	See course description
2161 HN Precalculus	11	Y	1.0	See course description
2182 CP Precalculus	12	Y	1.0	See course description
2014 CP Statistics	12	Y	1.0	See course description
2016 AP Statistics	10-12	Y	1.0	See course description
2181 AP Calculus AB	12	Y	1.0	See course description
2196 AP Computer Science Principles	10-12	Y	1.0	See course description
2191 Transitions to College Math & Statistics	12	Y	1.0	See course description

Typical Mathematics Course Sequences

Grade	Honors Pathway	Adv Pathway	CP Pathway	General Pathway
8th Grade	HN Algebra 1	—	—	—
9th Grade	HN Algebra 2	CP Adv Algebra 1	CP Algebra 1	Introductory Algebra
10th Grade	HN Geometry	CP Adv Geometry	CP Geometry	Algebra
11th Grade	HN Precalculus	CP Adv Algebra 2	CP Algebra 2	Geometry
12th Grade	AP Calculus AB and/or AP Statistics	CP Precalculus and/or AP Statistics	CP Precalculus and/or AP Statistics	Algebra 2

2193 Applied Math Grade: 9-12 Credit: 1.0 Prerequisite: By permission/Teacher recommendation

This course focuses on the acquisition and continuing development of basic math skills required to function successfully in school and the community. Students will participate in a life-skills based curriculum aimed at fostering independent living and will explore topics including earning and spending money, budgeting and time concepts. This course is individualized to meet the needs of each enrolled learner based on IEP goals and objectives.

2011 Introductory Algebra Grade: 9 Credit: 1.0

Algebra at a slower pace. This course is designed to review basic mathematical concepts while integrating them into a beginning Algebra course. Students taking this course still need to take CP Algebra 1 to meet the Algebra requirement for college. A TI-Nspire CX graphing calculator is required.

2006 Integrated Math 1 Grade: 10 Credit: 1.0 Prerequisite: 2011 and Teacher recommendation

In Integrated Math 1 students will deal with the understanding of algebra, recognizing the techniques of algebra in dealing with these basic structures, developing the abilities to apply the learned concepts and skills and developing deductive reasoning skills. Topics to be covered include: the relationships between quantities, linear and exponential relationships reasoning with equations, descriptive statistics, connecting algebra and geometry with coordinates, rigid motions and geometric properties. This course is designed to provide additional content support for students.

2007 Integrated Math 2 Grade: 11 Credit: 1.0 Prerequisite: 2006 and/or Teacher recommendation

In Integrated Math 2 students will study arithmetic of polynomials, behavior of functions, geometric similarity, proofs and probability, and properties of circles. Students will continue to develop their deductive reasoning skills as they study specific topics throughout the course. This course is designed to provide additional content support for students.

2192/2194 CP Algebra 1/Algebra 1 Grade: 9-10 Credit: 1.0**Prerequisite: By permission/Teacher recommendation**

This is the first course in Algebra, for the beginner. Most 9th grade students should take this course. A grade of 'C' or better in 8th grade math should prepare the student for this course. The course offers an in-depth study of linear, quadratic, and exponential functions and their transformations. Students enrolled in either 2192 or 2194 are required to take the AIR Algebra end of course exam. Algebra 1(2194) is a course designed for students who have completed Introductory Algebra, but would benefit from a course focusing on basic skill and application of Algebra topics. Students enrolled in 2194 will be placed in a CP section but will complete modified work based on their individual needs, with differentiated assessments. A TI-Nspire CX graphing calculator is required.

2012 CP Advanced Algebra 1 Grade: 9 Credit: 1.0 Prerequisite: By permission/Teacher recommendation

This is a course designed for those students who have had the first half of Algebra 1 in the 8th grade and received a grade of 'A' or 'B'. This course includes a quick pace review of the first half of 8th grade Algebra 1, followed by a more in-depth analysis of topics including linear, quadratic, exponential, absolute value, and rational function families. Solving systems of equations and more challenging problems is a cornerstone of this course. A TI-Nspire CX graphing calculator is required. Teacher recommendation is required.

2111 HN Algebra 2 Grade: 9 Credit: 1.0 Prerequisite: HN Algebra 1 at MMS/Teacher recommendation

This is a continuation of Algebra in the 8th grade (*Note: The HN Algebra 1 course taught at Madeira Middle School is a compacted curriculum combining 8th grade math and Algebra 1 in preparation for HN Algebra 2. Successful completion of HN Algebra 1 will result in a grade of 'P' recorded on the Madeira High School transcript.*) This course will offer an in-depth analysis of function families such as quadratic, exponential, logarithmic, rational and polynomial functions. This course also will give students an introduction to sequences and series and probability and statistics. Students must meet Honors criteria. A TI-Nspire CX graphing calculator is required. Teacher recommendation is required. HN Algebra 2 is not offered to 11th grade students because the course is specifically designed to lead into HN Geometry in the 10th grade.

2151/2013 CP Geometry/Geometry Grade: 10-11 Credit: 1.0

Prerequisite: Algebra 1/Teacher Recommendation

Intended primarily for the second-year student who has successfully mastered CP Algebra 1, this course gives the student a strong foundation in geometry and logic. Topics include the tools of geometry, proof, triangle congruence, polygons and quadrilaterals, transformations, circles, area and volume, and introductory probability. A deductive approach is taken, but many practical problems are worked. Students enrolled in either 2151 or 2013 are required to take the AIR Geometry end of course exam. Geometry (2013) is a course designed for students who have completed Algebra (2194) but would benefit from a course focusing on basic skill and application of geometry topics. Students enrolled in 2013 will be placed in a CP section but will complete modified work based on their individual needs, with differentiated assessments. A TI-Nspire CX graphing calculator is required. Teacher recommendation is required.

2153 CP Advanced Geometry Grade: 10 Credit: 1.0 Prerequisite: By permission/Teacher recommendation

This course is designed for those students who have had CP Advanced Algebra 1 (2012) as 9th grade students. This course will build on the topics in CP Advanced Algebra 1 by providing a strong foundation in tools of geometry, proof, triangle congruence, polygons and quadrilaterals, transformations, circles, area and volume, and introductory probability, with a focus on increased depth and challenging problems. Students are required to take the AIR Geometry end of course exam. A TI-Nspire CX graphing calculator is required. Teacher recommendation is required.

2141 HN Geometry Grade: 10 Credit: 1.0 Prerequisite: 2111

This course consists of plane and solid geometry. Triangle congruence, similarity, right triangle trigonometry, Pythagorean Theorem, properties of parallel lines and quadrilaterals an integral part of the course. Applications of geometry have a special focus in this rigorous course. Students are required to take the AIR Geometry end of course exam. Students must have successfully completed HN Algebra 2 and meet Honors criteria.

2171 CP Algebra 2 Grade: 11-12 Credit: 1.0 Prerequisite: 2151 or 2153

For 11th and 12th grade students who have completed CP Algebra 1 and CP Geometry, this course contains most of the math topics essential for success on collegiate entrance exams. Algebra 2 consists of review of linear equations and inequalities, quadratic functions, systems of equations, rational functions, polynomial functions, exponential and logarithmic functions, sequences and series, and introductory probability. A TI-Nspire CX graphing calculator is required.

2172 CP Advanced Algebra 2 Grade: 11 Credit: 1.0 Prerequisite: By permission, 2012, Geometry

A continuation of the Advanced Algebra and Advanced Geometry sequence for students who received an 'A' or 'B' in both courses in the 9th and 10th grade. CP Algebra 2 consists of review of linear equations and inequalities, quadratic functions, systems of equations, rational functions, polynomial functions, exponential and logarithmic functions, sequences and series, and introductory probability, with a focus on increased depth and challenging problems. CP Advanced Algebra 2 is specifically designed to lead into CP Precalculus and/or AP Statistics. A TI-Nspire CX graphing calculator is required. Teacher recommendation is required.

2161 HN Precalculus Grade: 11 Credit: 1.0 Prerequisite: 2111 and 2141

Designed to prepare the student for a study of calculus, this course consists of advanced algebra and trigonometry with topics from analytic geometry included. The student will also learn more complex math concepts such as polar coordinates and functions, parametric function, sequences and series, matrices, vector analysis and more advanced probability. Students will also begin the journey of AP Calculus, with an in-depth examination of the limit. The student must have successfully completed HN Algebra 2 and HN Geometry. A TI-Nspire CX graphing calculator is required.

2182 CP Precalculus Grade: 12 Credit: 1.0 Prerequisite: Algebra 2, Min 3.0 GPA for CCP

This is a course to prepare 12th grade students for calculus. Students will study rational and polynomial functions and their graphs. Triangle trigonometry, circular trigonometry, analytic trigonometry, and polar and parametric relations are also a major focus of this course. A TI-Nspire CX graphing calculator is required. College Credit Plus is available based on placement test results.* This course is typically offered through a CCP partnership with the University of Cincinnati. If students enroll in the CCP section, they earn additional credits.

2014 CP Statistics Grade: 12 Credit: 1.0 Prerequisite: Algebra 2

Because of the widespread use of statistical analysis to organize, summarize and draw conclusions from data, it is clear that “statistical literacy” is vital in today’s society. The purpose of this course is to give students the knowledge and skills to be informed “information consumers”, to help students make data-based decisions and to help students evaluate decisions that affect their lives. Students who enroll in this course must have successfully completed Algebra 2. Students enrolled in this course will be embedded in an AP Statistics course, but will not take the AP Statistics exam. A TI-Nspire CX graphing calculator is required.

2016 AP Statistics Grade: 10-12 Credit: 1.0 Prerequisite: ‘A’ in Algebra 2, ‘C’ or higher in HN Math

This course is offered to 10th, 11th and 12th grade students who wish to complete a statistics course equivalent to a one semester, introductory, non-calculus based college course in statistics. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is between \$90 and \$100).**

2181 AP Calculus AB Grade: 12 Credit: 1.0 Prerequisite: By permission/Teacher recommendation

This course is preparation for the AP Calculus AB examination and covers topics usually included in a one-year college course in elementary functions and calculus. Students must meet Honors criteria and successfully completed HN Algebra 2, HN Geometry and HN Precalculus. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).**

2196 AP Computer Science Principles Grade: 10-12 Credit: 1.0 Prerequisite: Algebra 1

AP Computer Science Principles offers a multidisciplinary approach to learning about the underlying principles of computation, focusing on the innovative aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. The course will introduce you to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give you the opportunity to use technology to address real-world problems and build relevant solutions. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is between \$90 and \$100).** *This course does not count as a graduation requirement in math.*

2191 Transitions to College Math & Statistics Grade: 12 Credit: 1.0

Prerequisite: By permission/Teacher recommendation

This course prepares students to investigate contemporary issues mathematically and to apply the mathematics learned in earlier courses to answer questions that are relevant to their personal lives. The course reinforces student understanding of percent, functions and their graphs, probability and statistics. This is a spreadsheet-based course, so no calculator is required.

**All CCP courses require a CCP Intent Form. This must be turned in to the Counseling Office by April 1 of the preceding spring.*

Music

Band and choir classes are open to all students who have participated in instrumental and vocal programs throughout middle and junior high school. Any student new to the district or students who did not participate in junior high school must acquire permission from the directors to join the programs. Joining the band would necessitate the student having the ability to play at the appropriate level. Private lessons may be recommended.

Course	Grade Level	Length	Credit	Prerequisite
8803 Choir	9-12	Y	1.0	
8807 High School Band	9-12	Y	1.0	
8821 Concert Band	9-12	3Q	0.75	
8892 Color Guard	9-12	Q	0.25	See course description
8812 Beginning Guitar	9-12	S	0.5	

8803 Choir Grade: 9-12 Credit: 1.0

This course is open to all students in grades 9-12. A wide variety of musical styles and genres will be studied and performed. The choir will perform in school concerts, programs and community service activities on and off campus. Students will also compete in local and state competitions when applicable. Emphasis will be placed on music literacy, vocal pedagogy and proper performance techniques.

8807 High School Band Grade: 9-12 Credit: 1.0

Students who sign up for this course will remain in band for the entire year. This class begins with Marching Band, which will meet daily during the first quarter. Included in the Marching Band portion: a two week band camp held in late July and early August, as well as several summer rehearsals. During the first quarter, students are required to attend weekly rehearsals, performances at football games, parades and participation in local and state competitions. Percussionists will have additional rehearsals through the summer and marching season. Concert Band begins in the second quarter, which includes winter and spring concerts, performing at graduation, the Madeira Memorial Day Ceremony, the Madeira July 4th Parade, as well as various honor bands and festivals at the discretion of the directors. Students will work toward better musical aptitude and understanding while playing music appropriate to their level. Pep Band is required. *Private lessons are highly recommended.

8821 Concert Band Grade: 9-12 Credit: 0.75

This class begins the second quarter of the school year, which includes winter and spring concerts, performing at graduation, the Madeira Memorial Day Ceremony, the Madeira July 4th Parade, as well as various honor bands and festivals at the discretion of the directors. Students will audition for placement in the concert band. Students will work toward better musical aptitude and understanding while playing music appropriate to their performance level. Pep Band is required. *Private lessons are highly recommended.

8892 Color Guard Grade: 9-12 Credit: 0.25 Prerequisite: Audition (during spring semester)

This class is a quarter-long class that ONLY meets for the first quarter. Students are required to audition for this class in the spring semester. Included in this class: a two week band camp held in late July, a few additional color guard specific summer rehearsals, two weekly evening rehearsals and two weekly early morning rehearsals during first quarter, and perform at all home football games, community parades and local and state marching band competitions. All new members will also need to attend a three day rookie camp in mid July.

8812 Beginning Guitar Grade: 9-12 Credit: 0.5

Beginning Guitar is a one semester course covering the basics of the instrument and an application of essential music fundamentals. Students will learn the basics of playing guitar at a beginning level through studying music notation, chord symbols, tablature and peer modeling. A brief history of the guitar along with a study of its respective musical styles will also be covered in this course, including classical, blues, jazz, rock, pop and folk music. The main objective of the course is to create an enhanced appreciation for music through playing the guitar. This course is limited to ten students per semester.

***Pep Band**

The Pep Band is an outgrowth of the high school band. Its purpose is to support the spirit of our high school community by attending home basketball games and pep rallies. Pep Band is a mandatory requirement of the concert band starting in the second quarter. Students will be split into smaller bands that will divide performances evenly among home girls' and boys' games. Excused absences are left to the discretion of the director and the parties involved. Community Service hours are awarded at the end of the school year.

Physical Education and Health

All students must meet the State of Ohio requirements of 0.5 credit of physical education and 0.5 credit of Health to be eligible for graduation. **One semester of PE equals 0.25 credit toward the graduation requirement.** Students will have the opportunity to choose physical education as an elective whenever possible.

Students are required to dress appropriately for activities in physical education (T-shirt, shorts, athletic socks, sweat clothes). Non-marking sole gym shoes are required to be worn by all students. Showers are optional; students must furnish their own towels and soap. All students are required to use a lock when taking physical education. Locks will be provided to all students; a \$10 fee will be charged for any locks not returned.

A grade for physical education is given every ten weeks. Students need not be skilled athletes to enjoy physical education; grades are given for effort as well as for skill. All physical education classes are coeducational.

Course	Grade Level	Length	Credit	Prerequisite
9401/9402 Fitness and Sports	9-12	S	0.25	
9290 Lifetime Fitness	9-12	S	0.25	
9140 Health	9-12	S	0.5	
6913 Living Skills - PEH	9-12	S	0.5	By recommendation

9401/9402 Fitness and Sports Grade: 9-12 Credit: 0.25

This semester elective course provides students an opportunity to participate in a personal fitness program that includes flexibility training, cardiorespiratory training and strength training. The personal fitness days will be 2-3 times per week. Students will also have the opportunity to participate in team and/or individual sports 2-3 times per week. Each semester class will be designed to fit the numbers and needs for each specific group. Dress and participation are the basis for the student's quarter grade.

9290 Lifetime Fitness Grade: 9-12 Credit: 0.25

This semester elective will introduce students to various ways to maintain a healthy level of physical fitness. The students can improve their overall cardiorespiratory fitness, muscular strength, endurance and flexibility. The class will involve different forms of exercise such as Pilates, aerobics, yoga, kickboxing, stability ball training and moderate cardiorespiratory activities.

9140 Health Grade: 9-12 Credit: 0.5

This semester course will cover mental health, substance addiction and abuse, reproductive health, nutrition, eating disorders, physical fitness and lifestyle diseases. All topics will be enhanced through current videos and guest speakers.

6913 Living Skills - PEH Grade: 9-12 Credit: 0.5

This course covers a variety of daily living skills related to safety at school and in the community, household tasks such as cooking and cleaning, health and hygiene, job skills and preferences. We will also develop leisure skills including group and individual activities, exercise and crafts. This course is individualized to meet the needs of each enrolled learner based on IEP goals and objectives; therefore, emphasis can be adjusted in order to allow each student to meet the course requirements listed above. The State of Ohio requires .5 credit of Health for graduation.

Science

Students are required to take at least three credits of science. Students planning to continue their education beyond high school in a science or science related field (i.e., engineering, medicine, nursing, technology) should take at least four credits of science in high school. All of the science classes at Madeira High School are laboratory courses and are recognized as such for college entrance requirements. There will be an appropriate fee assessed for each science course.

Students are recommended for a particular level by their present science teacher. Criteria include prerequisites, previous grades in science, teacher recommendation, work ethic, norm referenced ability scores and balance of challenge/rigor in the student's overall schedule of courses. If a student and her/his parents wish to choose a level other than the one recommended, they must appeal. To appeal, both the student and the parent must write a letter to the Science Department Chairperson. The parent letter must indicate that the parent has spoken to the recommending teacher and address the concerns brought up in that conversation. See 'Appeals Criteria' in this Planner for more detail. **Deadline for all appeals is NO LATER THAN 3:00 p.m. on March 20 (or the next school day in session).**

Course	Grade Level	Length	Credit	Prerequisite
6911 Living Skills - Science	9-12	Y	1.0	See course description
3100 Biology	9	Y	1.0	See course description
3101 CP Biology	9	Y	1.0	See course description
3104 HN Biology	9	Y	1.0	See course description
3152/3149 CP Chemistry	10	Y	1.0	See course description
3151/3150 HN Chemistry	10	Y	1.0	See course description
3148 Contemporary Global Sciences	10	Y	1.0	See course description
3105 AP Biology*	11-12	Y	1.0	See course description
3262 AP Environmental Science	11-12	Y	1.0	See course description
3260 Forensics: The Autopsy**	11-12	S	0.5	See course description
3261 Forensics: Trace Evidence**	11-12	S	0.5	See course description
3263 Forensics: The Crime Scene**	11-12	S	0.5	See course description
3264 Forensics: Crash Analysis**	11-12	S	0.5	See course description
3170 AP Chemistry*	11-12	Y	1.0	See course description
3172/3173 CP Human Anatomy&Physiology1&2	11-12	S	0.5	See course description
3171 HN Human Anatomy and Physiology	11-12	Y	1.0	See course description
3255 CP Physics	11-12	Y	1.0	See course description
3154 HN Physics	11-12	Y	1.0	See course description***
3256 AP Physics 1: Algebra-Based	11-12	Y	1.0	See course description
3257 AP Physics C: Mechanics	12	Y	1.0	See course description
3250Z AP Physics: Electricity & Magnetism	12	Y	1.0	See course description

*AP Biology and AP Chemistry will be offered in alternating school years. **Recommendation from the AP Biology or AP Chemistry teacher must be obtained by the student.**

**Forensics semester classes will be offered in alternating school years: Autopsy and Trace Evidence/Crime Scene and Crash Analysis

***Recommendation from Math and Science teachers required

One credit of a life science and one credit of a physical science are prerequisites for all 11th and 12th grade level science classes.

6911 Living Skills - Science Grade: 9-12 Credit: 1.0 Prerequisite: Teacher recommendation

This course covers a variety of daily living skills related to safety at school and in the community, household tasks such as cooking and cleaning, health and hygiene, job skills and preferences. We will also develop leisure skills, including group and individual activities, exercise and crafts. This course is individualized to meet the needs of each enrolled learner based on IEP goals and objectives; therefore, emphasis can be adjusted in order to allow each student to meet the course requirements above.

3100 Biology Grade: 9 (10) Credit: 1.0 Prerequisite: Teacher Recommendation

This course deals with the study of plants and animals, and the many processes and principles involved in their life activities. This course takes a hands-on approach to teaching biological concepts. Projects, laboratories and activities are used to promote abstract thinking about life processes. Students will be adequately prepared for non-major college science coursework and the State of Ohio End of Course exam.

3101 CP Biology Grade: 9 (10) Credit: 1.0

This course deals with the study of plants and animals, and the many processes and principles involved in their life activities. This course takes a hands-on approach to teaching biological concepts. Projects, laboratories and activities are used to promote abstract thinking about life processes. Students will be adequately prepared for non-major college science coursework and the State of Ohio End of Course exam.

3104 HN Biology Grade: 9 (10) Credit: 1.0 Prerequisite: Teacher recommendation

This course deals with the study of plants and animals, and the many processes and principles involved in their life activities. This course covers the CP Biology curriculum faster and more thoroughly as well as studying additional advanced topics. Expectations are high and NO late work is accepted. The State of Ohio End of Course exam will be administered in April. High achieving and motivated students considering careers in medicine or any scientific field should consider this course.

3152 (3149) CP Chemistry Grade: 10 Credit: 1.0 Prerequisite: Algebra 1

This course is designed to prepare students for a college chemistry class through engaging in cumulative projects that will focus on real-world scientific applications of the content we cover. Students will learn chemical foundations and then apply what they learn to work collaboratively with others and produce a cumulative product for each unit. Students will develop critical thinking skills allowing them to interpret and understand the clues that nature provides regarding how it works, and in addition see how these concepts are useful in very real-world situations. Successful completion or enrollment in Algebra I is required to be admitted to the class. ***Note – 3152 is the 10th grade course number. Students taking the class in grades 11-12 must use the 3149 course number.***

3151/3150 HN Chemistry Grade: 10 Credit: 1.0

Prerequisite: Algebra 1, Teacher recommendation, concurrent 2111 or 2172

This course is a high-level introductory chemistry class designed for students who do well in both science and mathematics. This is a fast-paced class, where students will achieve understanding of all concepts listed in the CP curriculum in addition to broader content such as acid/base theory and thermochemistry. This course may be especially useful for students interested in the fields of engineering, science or medicine. Teacher recommendation and successful completion of Algebra I are required to be admitted to this class. ***Note – 3151 is the 10th grade course number. Students taking the class in grades 11-12 must use the 3150 course number.***

3148 Contemporary Global Sciences Grade: 10 Credit: 1.0 Prerequisite: Biology

The students taking this course will study a variety of scientific concepts and apply them to analyze issues of global importance. This course uses principles from physics, physical science, chemistry, earth, and life sciences to address real-world topics and events to which students can relate. Students will use team-based projects to assess knowledge and promote awareness throughout the community. Students may opt to take this course for a full year or a semester. The fall and spring semesters of this course will cover different content and therefore can be taught as semester courses. Biology and Physical Science are prerequisites.

3105 AP Biology* Grade: 11-12 Credit: 1.0

Prerequisite: Biology and Chemistry, Teacher recommendation

This course is designed to be the equivalent of a college introductory biology course usually taken by college biology majors during their first year. The course is designed to be taken by students after the successful completion ('B' average or higher) of CP/HN Biology and CP/HN Chemistry. Students will be prepared to take the Advanced Placement examination in Biology. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).** Students must maintain high standards to remain in the class. Periodic Common Time labs will be required for this course. Prerequisites include Biology and Chemistry with 'B' average and teacher recommendation. ***Recommendation from the AP Biology teacher must be obtained by the student.***

3262 AP Environmental Science Grade: 11-12 Credit: 1.0 Prerequisite: Biology and Chemistry

This course is designed to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary. It embraces a wide variety of topics from different areas of study; yet it combines these topics to better understand the natural world as a system. Students must have completed one year of physical science and one year of life science before entering AP Environmental Science. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).**

3260, 3261, 3263, 3264 Forensics Grade: 11-12 Credit: 0.5 Prerequisite: Biology

Each semester is independent from the others. Students can take these semesters in any sequence that fits their schedule. Only two semesters will be offered per year. The semester courses are titled:

The Autopsy - anthropology, time of death and serology

Trace Evidence - blood spatter, ballistics, hair/fiber and fingerprints

The Crime Scene - soil, impressions and arson

Crash Analysis - interrogation, paint, glass and accident reconstruction

3170 AP Chemistry* Grade: 11-12 Credit: 1.0

Prerequisite: Chemistry with 'B' and Algebra 2 and Teacher recommendation

AP Chemistry is designed to be the equivalent of one year of a college chemistry course. In order to enroll, students must have completed a first-year chemistry course with a 'B' average, have completed or be enrolled in Algebra 2 and obtain a teacher recommendation. Students will be given a summer assignment to complete before the first day of class. The assignment is largely a review of the first-year course. Incomplete summer work will result in being withdrawn from the class. On some days, the class activities will extend beyond the normal class period, so students will be required to report to class during Common Time. Students can expect extended periods about two days per week as called for by the teacher. Students must maintain high standards to remain in the course. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100). *Recommendation from the AP Chemistry teacher must be obtained by the student.***

3172 and 3173 CP Human Anatomy and Physiology Grade: 11-12 Credit: 0.5

Prerequisite: Biology, Chemistry, or Global Science, Teacher recommendation

This course will examine homeostasis and the relationship between structure and function. The student will learn the basic facts of human anatomy and physiology through a study of the body's cells, tissues and organ systems. This will be a laboratory course requiring dissections and all students must participate. Space permitting, this class might accompany the Honors class on field trips. CP Biology or HN Biology and CP Physical Science or HN Chemistry and teacher recommendations are prerequisites. CP Human Anatomy and Physiology may be taken as a single semester course (either 1st or 2nd semester) or as a full year course (both semesters).

3171 HN Human Anatomy and Physiology Grade: 11-12 Credit: 1.0

Prerequisite: CP or HN Biology, CP or HN Chemistry, Teacher recommendation

This course is an in-depth study of the fundamental mechanisms of human anatomy and physiology. The course will cover cellular physiology, anatomy, biochemistry, the body's internal environment and an analysis of the coordinated body functions. This will be a laboratory course requiring dissections and all students must participate. Students may have the opportunity for field trips. This course is excellent for those students preparing for careers in medical

professions. Prerequisites are CP or HN science in 9th grade and CP or HN Biology along with teacher recommendation. This is a full year course and may not be split by semester.

3255 CP Physics Grade: 11-12 Credit: 1.0

Prerequisite: Completion of Biology, Chemistry, or Global Science and Algebra 1

College Prep Physics is an engaging, algebra-based high school course that introduces students to fundamental concepts in physics. Designed for students with a background in Algebra 1 and geometry, this course covers essential topics such as motion, forces, energy, momentum, waves, and electricity. Students learn through hands-on labs, real-world applications, and problem-solving activities that emphasize critical thinking and analytical skills. The course aims to build a foundation in physics principles while exposing students to principles of the natural world.

3154 HN Physics Grade: 11-12 Credit: 1.0

Prerequisite: Completion of Chemistry and Geometry, Teacher recommendation

This course is designed for those who achieve well in both science and mathematics. The course leads the student through the topics of motion, forces, waves, conservation laws, electricity and magnetism with an emphasis on mathematical modeling of the physical world. Students considering careers in engineering, science, medicine or architecture should take this course. Algebra 2, Chemistry and Geometry are prerequisites for this course and students must have completed or be concurrently enrolled in Algebra 2. Recommendations from math and science teachers are required.

3256 AP Physics 1: Algebra-Based Grade: 11-12 Credit: 1.0 Prerequisite: Concurrent Precalculus

This course is the equivalent of a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; mechanical waves and sound. It will also introduce electric circuits. This course covers the same content as our traditional HN Physics course. The material will be covered and assessed at a deeper level in order to prepare students for the AP Physics 1 exam. This class will be taught concurrently with HN Physics. Students will need to make the decision to commit to the AP curriculum and tests prior to the first test. While all student learning objectives for HN Physics and AP Physics 1 will be the same, AP Physics 1 students will be expected to solve problems with a greater level of complexity. In addition, these students will not be permitted to use equation sheets on the multiple-choice portion of tests. Students **MUST** be concurrently enrolled in Precalculus. This course is excellent preparation for AP Physics C: Mechanics taken during 12th grade or could count as a general science credit in college. If you are enrolled in Calculus or plan to attempt a rigorous study of science or engineering at the collegiate level, it is recommended that you enroll in AP Physics C: Mechanics - the calculus-based equivalent. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).** Recommendations from math and sciences are required.

3257 AP Physics C: Mechanics Grade: 12 Credit: 1.0 Prerequisite: Teacher recommendation

This course, a calculus-based mechanics course, will be offered to those students who have maintained at least a 'B' average in either HN Physics or AP Physics 1: Algebra-Based. At the discretion of the instructor, students enrolled in AP Calculus may take AP Physics C: Mechanics as a first-year physics course. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).** Recommendations from math and sciences teachers are required (strong mathematics students planning to be enrolled in Precalculus may appeal for inclusion in this course).

3250Z AP Physics C: Electricity & Magnetism Grade: 12 Credit: 1.0

Prerequisite/Corequisite: Physics C: Mechanics and AP Calculus AB, Teacher recommendation

AP Physics C: Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through problem solving and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation. This course is offered as a hybrid course with teacher created videos, WebAssign online homework, and proctored tests. Students will meet once a week during B lunch and Common Time to complete lab work and/or ask questions. Students may choose to have a study hall at school to facilitate the completion of coursework, but this is not required; however, students must have at least one study hall in order to complete proctored tests. Calculus and AP Physics C: Mechanics are required prerequisites or corequisites for this course. **Recommendation from the AP Physics C: Electricity & Magnetism teacher must be obtained by the student. In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).**

Social Studies

Students are required to take four credits of social studies courses as a requirement for graduation. Students are recommended for a particular level by their present social studies teacher. Criteria include previous grades in social studies, teacher recommendation, work ethic, motivation, norm referenced ability scores and balance of challenge/rigor in the student's overall schedule of courses. If a student and her/his parents wish to choose a level other than the one recommended, they must appeal. To appeal, both the student and the parent must write a letter to the Social Studies Department Chairperson. The parent letter must indicate that the parent has spoken to the recommending teacher and address the concerns brought up in that conversation. See 'Appeals Criteria' in this Planner for more detail. **Deadline for all appeals is NO LATER THAN 3:00 p.m. on March 20 (or the next school day in session).**

Course	Grade Level	Length	Credit	Prerequisite
6910 Living Skills – World History	9-12	Y	1.0	By recommendation
6912 Living Skills – U.S. History	9-12	Y	1.0	By recommendation
6915 Living Skills – U.S. Government	9-12	Y	1.0	By recommendation
4110 Modern World History	9	Y	1.0	
4145 CP Modern World History	9	Y	1.0	
4146 HN Modern World History	9	Y	1.0	By recommendation
4109 U.S. History (1877-present)	10	Y	1.0	
4991 CP U.S. History (1877-present)	10	Y	1.0	
4161 AP United States History	10	Y	1.0	By recommendation
4183 United States Government	11	Y	1.0	
4182 CP United States Government	11	Y	1.0	
4187 AP United States Government and Politics	11	Y	1.0	By recommendation
4148 CP Ancient World Studies	10-12	S	0.5	
4150 CP Medieval World Studies	10-12	S	0.5	
4151 AP World History: Modern	10-12	Y	1.0	By recommendation
4500 AP Economics	11-12	Y	1.0	By recommendation
4975 CP Psychology	10-12	S	0.5	
4974 CP Sociology	10-12	S	0.5	
4976 AP Psychology	10-12	Y	1.0	By recommendation
4201 History and Film*	11-12	S	0.5	
4152 CP Contemporary World Issues	9-12	S	0.5	

**4201 cannot be used to fulfill the Social Studies graduation requirement.*

6910 Living Skills – World History Grade: 9-12 Credit: 1.0 Prerequisite: Teacher recommendation
6912 Living Skills – U.S. History Grade: 9-12 Credit: 1.0 Prerequisite: Teacher recommendation
6915 Living Skills – U.S. Government Grade: 9-12 Credit: 1.0 Prerequisite: Teacher recommendation

These courses cover a variety of daily living skills related to safety at school and in the community, household tasks such as cooking and cleaning, health and hygiene, job skills and preferences. We will also develop leisure skills, including group and individual activities, exercise and crafts. This course is individualized to meet the needs of each enrolled learner based on IEP goals and objectives; therefore, emphasis will be placed on the specific subject area of each course in order to allow each student to meet the course requirements listed above.

4145/4110 CP Modern World History/Modern World History Grade: 9 Credit: 1.0

This course is a continuation of the World History content begun by students in the 7th grade; it covers the political, social and economic developments in world history from the 18th century to today. Topics discussed include the Scientific Revolution, Enlightenment, French Revolution, Imperialism, WWI, the rise of dictators, WWII, the Cold War and decline of communism, the end of colonialism and the rise of independent nations - and conflict - in Africa, Asia and the Middle East. This course will teach content to help students understand the modern world around them. It will likewise introduce and teach skills that will help students to be successful in future Social Studies courses. Students enrolled in 4110 will be placed in a CP section but will complete modified work based on their individual needs.

4146 HN Modern World History Grade: 9 Credit: 1.0 Prerequisite: Teacher recommendation

This course is a continuation of the World History content begun by students in the 7th grade; it covers the political, social and economic developments in world history from the 18th century to today. Topics discussed include the Scientific Revolution, Enlightenment, French Revolution, Imperialism, WWI, the rise of dictators, WWII, the Cold War and decline of communism, the end of colonialism and the rise of independent nations -- and conflict -- in Africa, Asia and the Middle East. This course will teach content to help students understand the modern world around them. It will likewise introduce and teach skills that will help students to be successful in future Social Studies courses. Reading assignments will be at a higher level than the CP course and the expectation is that students are able to handle an increased breadth of content knowledge and more complex reading, writing and research assignments.

4109 U.S. History (1877-present)/U.S. History (1877-present) Grade: 10 Credit: 1.0

This course covers the era of the founding of our country and Post-Reconstruction era to the present day. Students will learn about the documents that form the basis of the United States, the Gilded Age, the Progressive Era, Age of Imperialism, World War I, the Roaring Twenties, the Great Depression, World War II, the rise of the U.S. as a global power, the Cold War, the Civil Rights Movement, the turbulent 1960s and continue through the decades of the 1970s, 1980s, 1990s, and the post-9/11 United States. This course will focus on the political, social and economic developments and changes that have taken place in the United States to help students better understand, and play a positive role as a citizen in, our nation today. Students in this course will focus on developing the fundamental skills necessary for the Ohio end of course exam.

4991 CP U.S. History (1877-present)/U.S. History (1877-present) Grade: 10 Credit: 1.0

This course covers the era of the founding of our country, and Post-Reconstruction era to the present day. Students will learn about the documents that form the basis of the United States, the Gilded Age, the Progressive Era, Age of Imperialism, World War I, the Roaring Twenties, the Great Depression, World War II, the rise of the U.S. as a global power, the Cold War, the Civil Rights Movement, the turbulent 1960s and continue through the decades of the 1970s, 1980s, 1990s, and the post-9/11 United States. This course will focus on the political, social and economic developments and changes that have taken place in the United States to help students better understand, and play a positive role as a citizen in, our nation today. Students in this course will be prepared to take the Ohio end of course exam in the spring.

4161 AP United States History Grade: 10 Credit: 1.0 Prerequisite: Teacher recommendation

This course is designed to prepare the highly motivated and exceptional student to take the Advanced Placement examination in United States History. Extensive reading and research will be required. Students must meet the AP criteria as explained in the AP Handbook. The course is designed to provide students with the opportunities to master analytical skills and knowledge necessary to critically research issues and events in U.S. History. Students may be required to pay a fee to cover the cost of a supplemental educational material. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is between \$90 and \$100).**

4182/4183 CP United States Government/United States Government Grade: 11 Credit: 1.0

This is a one year required course for 11th grade students. One semester will cover topics including the origins of American government, the political process, the institutions of American government and the rights of American citizens. Students will be given opportunities to research topics in American government and may be required to become involved in some form of participation in the political process. One semester will also focus on reading and research skills that will prepare students for college-level work, analytical thinking and the Ohio end of course exam. Students enrolled in 4183 will be placed in a CP section but will complete modified work based on their individual needs.

4187 AP United States Government and Politics Grade: 11 Credit: 1.0 Prerequisite: Teacher recommendation

This course will give an analytical perspective on government and politics of the United States. As often as is feasible, research assignments and in-depth reading will be assigned and students may be required to be involved in some form of participation in the political system. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is between \$90 and \$100).**

Social Studies Electives

4148 CP Ancient World Studies Grade: 10-12 Credit: 0.5

This course begins with the prehistoric era and covers the progress of civilizations and world religions through the 6th century. Taking a comparative civilization approach, the course covers hunters-foragers, Mesopotamia, Egypt, the Indus River Valley, China, Greek, Persian, Roman, Mauryan, Gupta, Han, Moche, Mesoamerica, and Mayan Civilizations.

4150 CP Medieval World Studies Grade: 10-12 Credit: 0.5

This course begins with the 7th century and covers the progress of civilizations and world religions through the mid-18th century. The course covers the Byzantine Empire, Kievan Rus, the Islamic World, Bantu, Mali, Zimbabwe, Sui, Tang, Song, Japan, Korea, Vietnam, Chola, Angkor, Charlemagne, Feudal Europe, Crusades, Renaissance, Mongols, Mississippian, Toltecs, Aztecs, Inca, Reformation, Enlightenment, Columbian Exchange, Colonialization, Songhay, Slave Trade, Russia, Gunpowder Empires, and later Chinese Dynasties.

4151 AP World History: Modern Grade: 10-12 Credit: 1.0 Prerequisite: Teacher recommendation

This course is for the highly motivated and intellectually curious social studies student who wants to experience a truly global, in-depth look at world history since c. 1200 CE. It is designed to prepare students for the Advanced Placement examination in World History given in May. Passing the exam may result in college credit. AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).**

4500 AP Economics Grade: 11-12 Credit: 1.0 Prerequisite: Teacher recommendation

AP Economics is a yearlong course that consists of a semester of AP Microeconomics and a semester of AP Macroeconomics. The curriculum for AP economics will include aspects of supply and demand, the money and banking system, distribution of income, the government's role in the economy, fiscal and monetary policy, theories of firm and individual behavior, competition and monopoly, as well as international trade. Students will be expected to learn this with a strong emphasis on current events and the practical implementation of economic decisions and policies. **In the spring, students are required to take the Advanced Placement examination in both Microeconomics and Macroeconomics and are required to pay the exam fee for both exams prior to taking the test (approximate cost of each exam is \$100).**

4975 CP Psychology Grade: 10-12 Credit: 0.5

CP Psychology is an introduction to the scientific and systematic study of human behavior and mental processes. Students will assess various approaches to psychology including biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Topics covered include psychological disorders and treatment, memory, learning, motivation and emotion, personality, and development. This semester long course will be offered during both academic semesters.

4974 CP Sociology Grade: 10-12 Credit: 0.5

CP Sociology is an introduction for students to basic sociological concepts and perspectives, and applies them to a variety of topics including family, work, and the dynamics of class, gender, and racial/ethnic inequalities in the United States and globally. This CP course will be a semester course offered during both semesters.

4976 AP Psychology Grade: 10-12 Credit: 1.0 Prerequisite: Teacher recommendation

This yearlong course is designed to introduce students to the scientific and systematic study of the behavioral and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the methods psychologists use to explore the process involved in normal and abnormal perceptions, thoughts, feelings, and actions. Successful completion of quarter projects is required to earn a weighted passing grade. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).**

4152 CP Contemporary World Issues Grade: 9-12 Credit: 0.5

Contemporary World Issues is a one semester elective open to all high school students. This is a discussion-based class that addresses current global, domestic and local issues. This course is designed to help students to understand what is going on in the world and to enhance the critical thinking skills required to evaluate & analyze information from a variety of sources. *This course may not be repeated.*

4201 History and Film Grade: 11-12 Credit: 0.5

This semester long course will allow students to study major themes and time periods like the Great Depression, WW2, The Vietnam War, 9/11, and other societal issues in an engaging and interesting manner – analyzing film with historical themes. There will also be a writing, research, and analysis component for assessment in this course.

This elective course is not used to fulfill the 4.0 credit graduation requirement in Social Studies.

World Languages

Students are required to take at least 2.0 credits of the same World Language class to graduate. In order to graduate from Madeira High School with an **Honors Diploma**, one of the criteria is as follows: 3.0 units of one world language, or no less than 2.0 units of each of two world languages studied. Most four-year colleges require two years of the same language and some selective colleges require three years or more. **Students may be asked to rank their world language preferences numerically. Students need to be aware that, due to enrollment, they may not be placed in their first choice.**

Possible World Language Course Sequences

This list does not include all scenarios, just frequently used pathways. It should be noted that students in Grades 11 and 12 can start a new language course for one or two years.

Grade	5 yr program	3-4 yr program	2yr + 2yr program	Diploma option
8	Level 1			
9	Level 2	Level 1	Level 1	Level 1
10	H. Level 3	Level 2	Level 2	Level 2 / Level 2A
11	H. Level 4	H. Level 3	Level 1 (2nd WL)	
12	AP Level 5	H. Level 4	Level 2 (2nd WL)	

Recommendations

Students are recommended for a particular level by their present world language teacher. Criteria include:

- Grades in current (and previous) courses
- Work ethic
- Motivation
- Class participation
- Homework

In a level 1 course, if a student receives a "D" or "F" in the second semester, it is not recommended that the student continue with Level 2. The student is recommended to retake Level 1 or start a new language the following year.

If a student and their parent/guardian wish to choose a level other than the one recommended, they must complete the appeal process. See the Appeals Criteria in this Course Planner for details. **Deadline for all appeals is NO LATER THAN 3:00 p.m. on March 20 (or the next school day in session)**

World Languages Honors Policy

In order to enter Honors level (3, 4, AP) world language courses, students should have an 'A' or 'B' for each semester average from the preceding course and their teacher's recommendation.

-A student should maintain an 'A' or 'B' each quarter while in the Honors level course.

-A quarter grade of 'D' or 'F' may result in removal from the class with loss of credit after conferencing between the student, teacher, parents/guardians and counselor.

Course	Grade Level	Length	Credit	Prerequisite
5134 French 1	9-12	Y	1.0	
5154 French 2	9-12	Y	1.0	5134
5157 French 2A	9-12	Y	1.0	5134, By recommendation
5176 HN French 3	9-12	Y	1.0	5154, By recommendation
5184 HN French 4	9-12	Y	1.0	5176, By recommendation
5186 AP French Language and Culture	9-12	Y	1.0	5184, By recommendation
5131 Latin 1	9-12	Y	1.0	
5151 Latin 2	9-12	Y	1.0	5131
5152 Latin 2A	9-12	Y	1.0	5131, By recommendation
5171 HN Latin 3	9-12	Y	1.0	5151, By recommendation
5172 HN Latin 4	9-12	Y	1.0	5171, By recommendation
5188 AP Latin	9-12	Y	1.0	5172, By recommendation
5132 Spanish 1	9-12	Y	1.0	
5153 Spanish 2	9-12	Y	1.0	5132
5155 Spanish 2A	9-12	Y	1.0	5132, By recommendation
5175 HN Spanish 3	9-12	Y	1.0	5153, By recommendation
5181 HN Spanish 4	9-12	Y	1.0	5175, By recommendation
5187 AP Spanish Language and Culture	9-12	Y	1.0	5181, By recommendation

Latin

The Latin program offers a sequence of courses that may be taken for five years. Students will focus on language skills, grammar, and vocabulary in order to communicate in the Latin language. In addition, studying the history, culture and mythology of the ancient Romans will give the student a greater understanding of the past and how it relates to their own lives.

5131 Latin 1 Grade: 9-12 Credit: 1.0

In the first year, students will learn basic grammatical forms, vocabulary, study derivatives and read historically based stories centering on life in Ancient Rome. Although everyday Latin words and phrases are learned and spoken, the emphasis is placed on learning to read Latin.

5151/5152 Latin 2/Latin 2A Grade: 9-12 Credit: 1.0 Prerequisite: 5131

As a continuation of Latin 1, students will further their study of grammar, language and vocabulary skills and derivatives while reading historically based stories centering on life in the ancient world. Latin 2 (5151) is a course designed for students who have completed Latin 1 with a "B" or higher average and meet teacher recommendation criteria. Students are enrolled in Latin 2A (5152) by teacher recommendation. Latin 2A (5152) is a course designed for students who demonstrated a "C" average in Latin 1; these students would benefit from a course with more focus on foundational language skills and applications. Students in 5152 will be placed in a Latin 2 section but will complete modified work based on their individual needs, with differentiated assessments and will not be eligible for Honors Level 3.

5171 HN Latin 3 Grade: 9-12 Credit: 1.0 Prerequisite: 5151

Third year Latin continues the study of more complex and advanced grammar. The language skills acquired during this year of study will prepare the student for the skills necessary to translate Latin authors in the original. While learning necessary skills for reading in Latin, students will also study the history and cultures of the ancient world and will increase their vocabulary through the study of derivatives. Students must meet Honors criteria.

5172 HN Latin 4 Grade: 9-12 Credit: 1.0 Prerequisite: 5171

In this course, students will read various Latin authors and will translate different forms of literature. Students will use their knowledge of Latin grammar to translate and read ancient authors. Ancient culture and history will also be learned. Students must meet Honors criteria.

5188 AP Latin Grade: 9-12 Credit: 1.0 Prerequisite: 5172

The AP Latin course focuses on continued Latin language acquisition, with the inclusion of textual analysis and contextualization skills. The course centers around selections from two influential works of Latin literature: Vergil's Aeneid and Pliny the Younger's Letters. Significant time, however, is also dedicated to the reading of non-syllabus texts chosen by the teacher and/or provided by the College Board, in the form of the Course Project passages, that may extend beyond authors of the early imperial era of classical Rome. Students will prepare and translate the readings and thus further refine their knowledge of the Latin language. Students will also place these texts in a meaningful context, which will help develop their critical, historical, and literary sensitivities. Throughout the course, students will consider the main ideas, effects or purposes, and points of view expressed in these works in order to gain a deeper understanding of them and the culture in which they were created. *Students must meet Honors criteria. In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).*

Spanish

The Spanish program offers a sequence of courses that may be taken for five years. Students will quickly discover the importance and practicality of studying Spanish. Students will benefit from learning about the impact of the Spanish language and culture upon our own culture and upon at least twenty other countries where Spanish is the official language spoken.

5132 Spanish 1 Grade: 9-12 Credit: 1.0

This college preparatory beginning course emphasizes vocabulary acquisition and communication. Students develop listening, reading and writing skills while learning about the diverse cultures of the Spanish-speaking world. Students must be willing to memorize and constantly review vocabulary and present tense conjugations, and use them in spoken and written communications. Upon completion of the course, first year students should demonstrate proficiency in basic conversation that will enable them to perform simple tasks such as talking about themselves and others, ordering simple meals and making purchases. First year grammar focuses on gender, number, subject pronouns, noun-adjective agreement, subject-verb agreement and present tense.

5153/5155 Spanish 2/Spanish 2A Grade: 9-12 Credit: 1.0 Prerequisite: 5132

This college preparatory beginning course also emphasizes vocabulary acquisition and communication. Students continue to develop listening, speaking, reading and writing skills while learning about the diverse cultures of the Spanish-speaking world. Again, students must be willing to memorize vocabulary and use that vocabulary in spoken and written communications. Upon completion of the course, second year students should demonstrate proficiency in basic conversation that covers day to day activities such as talking about responsibilities, hobbies and pastimes, asking for and giving information and describing past events. Second year grammar may cover stem-changing verbs, adverbs, conocer and saber, irregular informal commands, formal commands, preterite tense irregulars and imperfect tense. Spanish 2 (5153) is a course designed for students who have completed Spanish 1 with a "B" or higher average and meet teacher recommendation criteria. Students are enrolled in Spanish 2A (5155) by teacher recommendation. Spanish 2A (5155) is a course designed for students who demonstrated a "C" average in Spanish 1; these students would benefit from a course with more focus on foundational language skills and applications. Students in 5155 will be placed in a Spanish 2 section but will complete modified work based on their individual needs, with differentiated assessments and will not be eligible for Honors Level 3.

5175 HN Spanish 3 Grade: 9-12 Credit: 1.0 Prerequisite: 5153

Third year Spanish reviews vocabulary and structure from the first two years of language instruction and introduces more complex, advanced grammar and idiomatic expressions. Grammar acquisition will include a review of command forms, and preterite and imperfect tenses. The perfect, future, conditional and subjunctive tenses will also be introduced. Topics include environment, extended family, leisure and professions. Students are expected to speak Spanish in class. All students must meet Honors criteria.

5181 HN Spanish 4 Grade: 9-12 Credit: 1.0 Prerequisite: 5175

Fourth year Spanish continues to develop the skills acquired in the first three years of instruction with emphasis on the refinement of language skills. Grammar acquisition will focus on the subjunctive mood, the proper application of the preterit and imperfect tenses and the sequencing of tenses. Some of the finer details of structure, not emphasized in earlier courses, are examined and studied. Grammar and vocabulary are reviewed and practiced through conversation, reading and composition on topics such as work and study, sports and leisure activities, travel, art and literature, education, social issues, film and television. Students are expected to speak Spanish in class at all times. All students must meet Honors criteria.

5187 AP Spanish Language and Culture Grade: 9-12 Credit: 1.0 Prerequisite: 5181

Fifth year students polish the skills developed in the previous four years of instruction. Advanced listening, speaking, reading and writing skills will be nurtured through exposure to a variety of authentic readings and recordings with topics that expose the student to a wide range of vocabulary with both practical and specialized applications. Students will listen to recordings of native speakers of the language, practice grammar in completion exercises that cover advanced structural details and write compositions and letters on a wide range of topics. Students will also record responses in simulated conversations as well as formal presentations in which the students analyze written articles and radio broadcasts linked together with a common theme. This advanced curriculum prepares students for the Spanish Language and Culture Advanced Placement exam. **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).** Students must have a strong foundation in Spanish grammar and dedicate themselves to extensive vocabulary acquisition. Summer work is required. Students must meet Honors criteria.

French

The French program offers a sequence of courses that may be taken for five years. Students will discover that French is an international language spoken in Canada, the Caribbean, Europe and Africa and is the official language in more than 25 countries. In addition, French has a strong diplomatic presence being the official working language of many global organizations including the United Nations and UNESCO. Students will learn how French language and culture has influenced our own.

5134 French 1 Grade: 9-12 Credit: 1.0

Students will learn vocabulary and grammatical structures to be able to discuss day-to-day activities, such as ordering food, greeting someone, discussing sports and leisure activities, talking about the weather and describing their family. Emphasis is on communication in all four modes: speaking, listening, reading and writing French in meaningful contexts to create a strong foundation for further French study.

5154/5157 French 2/French 2A Grade: 9-12 Credit: 1.0 Prerequisite: 5134

Students will review and practice what they learned in the first year while expanding their vocabulary and increasing their grammatical complexity. Culture is weaved throughout the units such as holidays, housing, clothing, travel, food and dining, body parts and symptoms/illness. Through listening, speaking, reading and writing activities, students increase their basic communication skills in French.

French 2 (5154) is a course designed for students who have completed French 1 with a “B” or higher average and meet teacher recommendation criteria. Students are enrolled in French 2A (5157) by teacher recommendation. French 2A (5157) is a course designed for students who demonstrated a “C” average in French 1; these students would benefit from a course with more focus on foundational language skills and applications. Students in 5157 will be placed in a French 2 section but will complete modified work based on their individual needs, with differentiated assessments and will not be eligible for Honors Level 3.

5176 HN French 3 Grade: 9-12 Credit: 1.0 Prerequisite: 5154

Structures and vocabulary previously learned are reviewed and expanded upon in the context of units such as technology, cars and driving, getting around town, professions, environment, nature and performing arts. More advanced grammar is introduced and integrated into common conversational contexts. Students will continue to increase their fluency through more extensive oral presentations, longer reading passages and writing. Students must meet Honors criteria.

5184 HN French 4 Grade: 9-12 Credit: 1.0 Prerequisite: 5176

French will be the dominant form of communication in the classroom. Students refine their grammatical accuracy and further expand their vocabulary through discussion, activities, dialogues, writing, readings and film. Topics include but are not limited to Africa's contribution to the Francophone world, media influence in our lives, human rights and politics, French fairy tales and literary contributions. Students will read a novel in French. Students must meet Honors criteria.

5186 AP French Language and Culture Grade: 9-12 Credit: 1.0 Prerequisite: 5184

This course prepares students for the challenging AP French Language and Culture examination, which focuses on interpretive, interpersonal and presentational communication using authentic resources from the Francophonie community. Students will increase their fluency by engaging in daily conversation, watching video clips, reading a variety of texts, and writing emails and persuasive essays which surround the AP CollegeBoard themes (Influence of Language and Culture on Identity, Families in Different Societies, Influences of Beauty & Art, How Science and Technology Affect Our Lives, Factors that Impact the Quality of Life, Environmental, Political and Societal Challenges) **In the spring, students are required to take the Advanced Placement examination and are required to pay the fee before they take the test (approximate cost is \$100).**

Elective Courses

Madeira High School takes great pride in the amount and diversity of the elective courses offered in a wide variety of disciplines. Whether to fulfill the elective graduation requirement or enrich learning, these courses can be very valuable for the student. It is important to note that all elective courses carry a minimum student enrollment requirement to be offered in the coming school year, meaning that some courses may not be offered due to low enrollment. A course fee may be required for enrichment or supplementary materials. Course descriptions may be found in the indicated departments. *Not all listed courses apply to the subject area graduation requirement.*

Art

Art Fundamentals 1
Art Fundamentals 2
Advanced Art 3
Advanced Art 4
3D Fundamentals
Beginning Digital Photography
Advanced Digital Photography
AP Studio Art

Business, Technology, and Media Communications

Entrepreneurship
Principles of Marketing
Principles of Management
Video Broadcasting
Media Design I
Media Design II
Graphic Media Productions

English

Creative Writing
Public Speaking/Communication
College 101
College 102

Family and Consumer Science

Creative Foods 1
Creative Foods 2

Mathematics

AP Computer Science Principles

Music

Beginning Guitar

Social Studies

AP Psychology
AP World History: Modern
AP Economics
CP Psychology
CP Sociology
CP Ancient World Studies
CP Medieval World Studies
History and Film
CP Contemporary World Issues

Appeals Criteria

Honors/Advanced Placement Criteria

For those students interested in being placed in Honors or Advanced Placement classes the criteria are as follows:

1. Students should earn an 'A' or 'B' in the previous class of which they are doing above grade level work (for example, Algebra 1 for high school credit in 8th grade or English 8 reading and writing at above an English 8 level).

2. Students need their current teacher's recommendation in order to schedule an Honors/AP course.

Factors include:

- a. Grades in course
- b. Work ethic
- c. Motivation
- d. Class participation
- e. Homework

Honors/Advanced Placement Requirements

For those students who meet the stated requirements and are placed in Honors or Advanced Placement courses:

Students should maintain a 'B' or better grade in every quarter. If two 'C's or lower are received in any two quarters, a meeting between the student, teacher, parent and counselor may take place to determine if the student is placed correctly.

- In Honors or Advanced Placement World Language courses, students who receive a 'D' or 'F' as a quarter grade may be removed from the class with loss of credit after conferencing between student, teacher, parents and counselor.

Placement Appeals

Students are recommended for a specific course by their current teacher in that subject area. If a student or family wish to choose a course that has not been recommended, the following procedure must be followed:

1. A letter to the Department Instructional Leader must be submitted by the **parent/guardian** to the Counseling Office that documents that ***the parent has spoken with the recommending teacher*** and addressed the concerns brought up in that conversation. This letter should also state the desire for a more rigorous curriculum and the commitment to complete the additional demands of the course.
2. A letter to the Department Instructional Leader must be submitted **by the student** to the Counseling Office documenting that the student has spoken with the recommending teacher and addressed the concerns brought up in that conversation. The student must also state the desire to experience a more rigorous and challenging curriculum along with the commitment to complete the additional work and meet the demands of the course.
3. If the appeal is for an Honors or AP course, both students and parents/guardians must understand that the student must maintain certain grade requirements to maintain enrollment in the course. These requirements may vary by department.

****An Appeals Application form (available in the Counseling Office), along with the letters to the Department Instructional Leader(s) must be submitted to the Counseling Office. Deadline for all appeals is NO LATER THAN 3:00 p.m. on March 20 (or the next school day in session)***

Appeals will be reviewed by the department chair, current teacher and anticipated teacher. The Department Instructional Leader will notify the student of the decision by the last day of the school year.

Typical Course Sequences – Madeira High School Four-Year Planner

At Madeira High School, students are encouraged to challenge themselves appropriately in all of their course selections. In sequential academic courses, knowledge and skills built over the course of a given year continue to be applied and enhanced in the next school year. For that reason, some courses are arranged in a logical and consistent order.

For assistance in planning your high school course selections, here are the most typical course sequences in the core academic areas.

Use this chart to plan your classes for the next four years. You can write specific course titles in each slot.

Students must fill six periods per semester. A minimum of 21.5 total credits is required for graduation.

Notes:

English – Fill in your planned course titles for the 11th and 12th grades in the slots (see Graduation Requirements section of the *Course Planner*).

Science – At least one additional credit must be taken in 11th or 12th grade.

Social Studies – A total of 4.0 credits must be taken in grades 9-12 (History and Film **does not** fulfill the graduation requirement).

World Languages – Students must have at least two credits in the same language, for example Spanish 1 and 2.

Subject Area	Credits Required	9	10	11	12
English	4.0	English 9	English 10	English 11	English 12
Mathematics	4.0				
Science	3.0	Biology	Chemistry		
Social Studies	4.0	World History	US History	US Government	
World Language	2.0				
Physical Education	0.5				
Health	0.5				
Personal Finance	0.5				
Fine Arts	1.0				
Electives	2.0				

PE – Students must have two semesters of PE (.25 credit each) or complete the PE Waiver process (see Graduation Requirements section).

Health – This credit may have been earned at Madeira Middle School.

1/5/2023

Madeira High School

Daily Schedule Worksheet

Use this chart to plan your courses for the coming school year. Most courses will be either a year or semester in duration – a few may be one quarter (Color Guard, etc.).

Period	Quarter 1	Quarter 2	Quarter 3	Quarter 4 <small>1/7/2021</small>
1				
2				
3				
4				
5				
	Common Time			
6				
7				

Course Fees

Madeira High School assesses fees for students to help support their learning and provide specific resources for individual courses and activities. Please see the information below for information on the various possible fees. This listing is current at the time of printing and distribution of this Course Planner. For the most up to date information, please visit the Madeira High School website. Look for 'Fees-Students' and click on the link.

General (All Students)	\$22.00	French 4 - HN	\$10.00
PSAT Testing Fee (11 th grade)	\$18.00	AP French	\$69.00
Technology consumables	\$15.00	AP French Language and Culture exam	\$99.00
Technology Device (one to one)	\$25.00	Human Anatomy & Physiology-CP	\$19.00
Applied Math	\$25.00	Human Anatomy & Physiology-Honors	\$38.00
AP Statistics	\$10.00	Latin 1	\$8.00
AP Statistics exam	\$99.00	Latin 2 or 2A	\$8.00
AP Calculus AB	\$10.00	Latin 3 Honors	\$8.00
AP Calculus AB exam	\$99.00	Latin 4 Honors	\$8.00
Art Fundamentals 1	\$80.00	AP Latin	\$8.00
Art Fundamentals 2	\$80.00	AP Latin exam	\$99.00
AP Studio Art	\$100.00	Science Living Skills	\$30.00
AP Studio Art exam	\$99.00	Photography - Advanced Digital	\$95.00
3D Fundamentals	\$80.00	Photography - Beginning Digital	\$95.00
Advanced Art 3	\$80.00	Living Skills PEH	\$10.00
Advanced Art 4	\$80.00	CP Physics	\$30.00
AP Biology-Lab Fee	\$104.00	AP Physics C: Mechanics	\$17.00
AP Biology exam	\$99.00	AP Physics C: Mechanics exam	\$99.00
Biology Honors	\$51.00	AP Physics E&M exam	\$99.00
Biology-Basic	\$34.00	AP Physics 1: Algebra Based	\$37.00
Biology CP	\$34.00	AP Physics 1: Algebra Based exam	\$99.00
AP Chemistry-science workbook lab fee	\$120.00	Physics-Honors	\$37.00
AP Chemistry exam	\$99.00	Spanish 1	\$28.00
Chemistry-CP	\$35.00	Spanish 2 or 2A	\$28.00
Chemistry-Honors	\$35.00	Spanish 3 - HN	\$28.00
Creative Foods 1	\$60.00	Spanish 4 - HN	\$28.00
Creative Foods 2	\$60.00	AP Spanish Language and Culture exam	\$99.00
English-Fundamental	\$20.00	AP Economics exams (Micro and Macro)	\$198.00
AP English Language and Composition exam	\$99.00	Honors Financial Accounting	\$50.00
AP English Literature and Composition exam	\$99.00	AP Computer Science Principles exam	\$99.00
AP Environmental Science	\$50.00	AP Psychology exam	\$99.00
AP Environmental Science exam	\$99.00	AP Research exam	\$99.00
CP Contemporary Global Sciences	\$25.00	AP Seminar exam	\$99.00
Fitness & Sports	\$10.00	AP United State History exam	\$99.00
Lifetime Fitness	\$10.00	AP U.S. Government and Politics exam	\$99.00
Forensics-CP Trace Evidence	\$25.00	AP World History	\$30.00
Forensics-CP The Autopsy	\$25.00	AP World History exam	\$99.00
Forensics: Crash Analysis	\$25.00	CP Advanced Algebra 2	\$15.00
Forensics:The Crime Scene	\$25.00		

01/07/2026