



Program of Studies

2024-2025

Incoming Grade 9

The Program of Studies may also be found on our website: www.mansfieldschools.com/mhs

TABLE OF CONTENTS

Preface	3
Message from the Principal	4
Mansfield High School's Vision of a Graduate	5
Accreditation Statement	6
Summary of Regulation Pertaining to Student Records	6
Non-Discrimination Statement	7
Course Selection Process	7
Description of Course Levels	8
Graduation Requirements	9
Withdrawal from Class	10
Grade Point Average	11
College and University Admission Standards	12
Course Registration Procedures	13
Instructions for Grade 9 Registration	14
Things to keep in mind	15
Course Requests in X2	16
Student Worksheet Grid	18
Arts - Performing Arts	21
Arts - Visual Arts	26
Business & Technology	28
English	30
Health & Wellness	34
Mathematics	35
Other Courses	39
Science	40
Social Studies	44
Special Education	47
World Language	48

Preface

In order to proceed in a timely fashion, this Program of Studies was prepared by the Mansfield High School Administration and teaching staff based on the current conditions. The course offerings presented here are subject to review, revision, change and deletion. Please understand that a student's selection of a course does not guarantee the availability of that course for the 2023-24 school year.

Maintaining subject continuity and curriculum are of paramount importance. We will make every effort to offer as many course offerings as possible by trying to utilize our faculty in the most efficient manner.

A Grade 9-12 Program of Studies may also be accessed online at www.mansfieldschools.com/mhs.

The Mansfield Public Schools prohibits unlawful discrimination, harassment (including sexual harassment), and retaliation against anyone based on race, color, age, disability, sex (including pregnancy, pregnancy-related conditions, or recovery from these conditions, including but not limited to, lactation), sexual orientation, gender identity or expression, religion or religious belief, national origin, ethnicity, ancestry, retaliation, marital status, genetic information, veteran or military status, limited English proficiency, homelessness, or any other class of individuals protected from discrimination under state or federal law in education, admission, access to or treatment in, its programs, services, benefits, activities, and terms and conditions of employment.

A MESSAGE FROM THE PRINCIPAL

Dear Students,

This booklet was prepared to help you choose which courses you will take next year. Enrolling in courses that support both graduation requirements and your post-secondary plans and goals is extremely important. Please closely examine the offerings described within and consult with your parents/guardians, teachers, and counselor. **Before making your final selections, please give strong consideration to your personal interests, your willingness to take on academic challenges, and your post-secondary goals.**

Sincerely,

Russell Booth
Principal

Mansfield High School Core Values and Beliefs About Learning

The Mansfield High School community is committed to life-long learning with the understanding that it is essential to meeting the challenges of 21st century living. We want our students to be well equipped to make positive contributions to the local, national, and international communities.

We believe that students learn best when:

- they are in a safe, supportive environment which promotes life-long learning, problem solving, creativity, curiosity and independent thinking.
- they feel ownership of their own learning and are empowered to set goals and act in ways that are supportive of their own growth.
- they are willing to make mistakes to help them learn.
- they are eager to work with others to take on any challenges.
- the learning environment provides personalized learning opportunities that encourage self-discovery, self assessment and risk-taking.

We believe that students learn best from teachers who:

- are knowledgeable, enthusiastic and invested in their content *area*.
- communicate high expectations clearly and consistently.
- demonstrate flexibility and adaptability to learning conditions and to students' needs.
- use a variety of instructional and assessment strategies based on current research and best practices to engage students in their learning.

Furthermore, students will benefit from a community that:

- encourages a partnership between school, parents and community.
- recognizes and respects diversity.
- supports learning through appropriate funding for relevant technology and materials, through adequate staffing that ensures smaller class sizes, and through opportunities for effective professional development.

VISION OF THE GRADUATE

MANSFIELD HIGH SCHOOL



***VISION OF THE GRADUATE**
TRANSFERABLE SKILLS, KNOWLEDGE,
UNDERSTANDINGS, AND DISPOSITIONS
NECESSARY FOR FUTURE SUCCESS

ACCREDITATION STATEMENT

Mansfield High School is accredited by the New England Association of Schools and Colleges, Inc. (NEASC), a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the NEASC indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the NEASC is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the status of an institution's accreditation by the NEASC should be directed to the administrative staff of the school or college. Individuals may also contact the NEASC:

COMMISSION ON PUBLIC SECONDARY SCHOOLS

NEW ENGLAND ASSOCIATION OF SCHOOLS AND COLLEGES
3 BURLINGTON WOODS DRIVE, SUITE 100
BURLINGTON, MA 01803
(781) 425-7700

SUMMARY OF REGULATIONS PERTAINING TO STUDENT RECORDS

In January 1975, the State Board of Education adopted regulations pertaining to Student Records. The regulations are designed to insure parents' and students' rights of confidentiality, inspection, amendment, and destruction of student records, and to assist school authorities in their responsibility for the maintenance of student records.

The regulations divide the record into two sections: the transcript and the temporary record. The transcript includes only the minimum information necessary to reflect the student's educational progress. This information includes name, address, course titles, grades, and grade level completed. The transcript is kept by the school system for at least sixty years after the student leaves the school.

The temporary record contains other useful information maintained by the school about the student as they proceed through the system. This may include such items as standardized test results, class rank and quality point average, letters of recommendations, student resumes (if provided), evaluations, comments by teachers or counselors, and other similar information pertinent to student progression. The temporary record is destroyed five years after the student leaves school.

Massachusetts law (General Laws Chapter 71, Section 34H) specifies procedures that govern access to student records by parents who do not have physical custody of their children. For more information, please contact the school administration.

A parent or a student who has entered the ninth grade, or is at least 14 years old, has the right to inspect all portions of their school record upon request.

NON-DISCRIMINATION STATEMENT

The Mansfield Public Schools prohibits unlawful discrimination, harassment (including sexual harassment), and retaliation against anyone based on race, color, age, disability, sex (including pregnancy, pregnancy-related conditions, or recovery from these conditions, including but not limited to, lactation), sexual orientation, gender identity or expression, religion or religious belief, national origin, ethnicity, ancestry, retaliation, marital status, genetic information, veteran or military status, limited English proficiency, homelessness, or any other class of individuals protected from discrimination under state or federal law in education, admission, access to or treatment in, its programs, services, benefits, activities, and terms and conditions of employment.

The District's Title IX and Civil Rights Compliance Officer is Michael Connolly he may be reached at either 508-261-7500 or michael.connolly@mansfieldschools.com.

COURSE SELECTION PROCESS

Proper course selection creates the foundation for a successful high school career. At Mansfield High School, the course selection process is given the utmost priority by our faculty and administration. The process requires input and cooperation from students, parents, teachers and school counselors. Courses should be chosen with a great deal of thought and care.

Courses should be selected with the intent of achieving academic success while challenging individual personal development. It is recommended that college-bound students enroll in a minimum of 75% core-academic courses each year.

Students and parents considering college should understand that colleges vary greatly in selectivity and basic course requirements. When considering colleges, students and their parents should be aware of each school's academic requirements. Students and parents should consult with the School Counseling staff regarding their plans.

Families are strongly encouraged to follow the recommendations of teachers as to course placement for the coming school year. We understand that there are occasions when parents and students are not in agreement with the recommendation of their teacher and choose to request a change in the recommendation. Students will be provided with an electronic copy of teacher recommendations for core academic courses at the start of the course registration process. Students **must** consult with their teacher if they are in disagreement with the recommendation to better understand the recommendation as well as to self-advocate for a potential change. At this time the teacher will provide the student with the **Course Change Form**. If the teacher agrees with the change in course, they will sign the form and the student will return the completed form to the counselor. If the teacher is not in agreement and the student wishes to continue to pursue the change, the student must complete the **Course Change Form** provided to them by the teacher, obtain all appropriate signatures, and meet with the appropriate Department Chair to discuss the request. The request will be reviewed by the Department Chair in consultation with the teacher, student and parent/guardian(s). If the request is granted, the student will **remain in the class for the duration of the course**.

Careful attention should be given to course levels and the overall difficulty of a schedule. Students will not be allowed to make changes to their courses after the selection process is completed at the end of the 2023-24 school year. No course changes will be permitted after the opening of school. If an error was made, the student should inform the school counselor who will initiate the process for correcting the error.

DESCRIPTION OF COURSE LEVELS

Advanced Placement	Courses are formally recognized as Advanced Placement (AP) by the Educational Testing Service and culminate with an AP examination.
Honors	Courses contain highly challenging material, presented at an accelerated and more intensive pace than college preparatory courses. Honors courses require advanced reading, writing, verbal, conceptual, mathematical and study skills as well as extensive outside preparation.
College Preparatory	Courses prepare students to continue their education at the college level. These courses require well developed reading, writing, verbal, conceptual, mathematical and study skills, as well as substantial outside preparation.
Essential College Prep	Courses prepare students with the knowledge and skills to continue their education at 2-year colleges, a limited number of 4 year colleges and career readiness. Classes tend to be smaller so that teachers can provide targeted instructional support. Much work is completed in class.
Unleveled	Certain courses have no level designation. This is done purposefully to encourage all students to take those courses based on their interests, talents, and career goals. Although unleveled, these courses still feature an engaging, rigorous curriculum, high expectations, and comprehensive skill development.

ADVANCED PLACEMENT – EXPANDED DESCRIPTION

The Advanced Placement (AP) program provides high schools with an opportunity to offer college level courses to qualified high school students. These challenging and stimulating courses take more time and require more work than traditional high school courses. They also give greater opportunity for individual progress and accomplishment and allow for greater depth of study. Advanced Placement courses also offer an opportunity to gain advanced placement and/or college credit to students when they enter college. Currently, MHS offers the following AP courses: Calculus AB & BC, Statistics, Computer Science Principles, Physics, Physics I, Physics C: Mechanics, Biology, Chemistry, Environmental Science, U.S. History, European History, Psychology, French Language, Spanish Language, English Language and Composition, English Literature and Composition, 2D Art & Design, Art History and Music Theory.

The College Board requires every AP course syllabus to be submitted for audit. This audit ensures that the class meets the required rigor and allows Mansfield High School to be declared as AP certified. In the Mansfield High School Program of Studies, profiles of expectations follow each course description and should be carefully reviewed before a student seeks registration.

In order for students to register for AP course(s), they must have the recommendation of the subject area teacher and Department Chairperson. Once a student has been allowed to register, they **must** check with respective department chairs for summer reading requirements. Because of the rigorous academic expectations associated with AP courses in and outside of the classroom, students may pursue a maximum of 1 AP course in their sophomore year, 3 AP courses in their junior year and 4 in their senior year. Students wishing to take an additional AP course in their **senior year** will need to meet with the Principal, Department Chairperson, School Counselor and Parent/Guardian to determine if the additional AP course is in the student's best educational interest. Please note that the schedule may not permit this to take place due to scheduling constraints. It is the expectation that students taking any AP course must complete the course in its entirety. ***Students enrolled in an AP class will not be permitted to drop the course once the enrollment process is complete at the end of the 2023-24 school year.*** The AP exam represents the conclusion of any AP course. It is expected each student will take the AP exam.

The College Board creates and scores the AP exams. The College Board charges a fee for each exam which is updated annually. The exam fee is the responsibility of the student. A budget plan to pay for this expense is available. There may be financial aid available for those who qualify. If a parent believes they have financial need, they must inform the AP Coordinator by November 1st. **Students will be required to register for their AP Exam online with the College Board no later than November 15th. There will be both a late fee for registrations after 11/15 and a fee for a student who chooses to cancel the exam after registering for the exam. The details and fee structure will be outlined by the College Board in late summer/early fall of 2024.**

It is recommended that students who are seeking multiple AP courses request alternate AP classes in the event of scheduling conflicts and/or limited capacity in a course. If alternates for a course are unable to be scheduled, the student will be placed on a waitlist for classes that reach capacity and randomly selected off the waitlist if seats become available. Students should identify these alternate courses during the course registration process and no later than April 14, 2023 and have department head approval for the course.

PLANNING TO REGISTER FOR ADVANCED PLACEMENT CLASSES?

Please consider the following:

- They are available to students in grades 10, 11 and 12.
- Grade 10 offerings are AP European History, AP Environmental Science and AP Computer Science.
- Typical grade 11 choices are AP English Lang/Comp, AP Biology, AP Chemistry, AP Environmental Science, AP Physics I, AP US History, AP European History, AP Statistics, AP Computer Science, AP Art History, and AP Music Theory.
- Grade 12 offers greater AP opportunities because more prerequisites have been achieved, however, students will be required to make choices -- student demands, as well as sections offered, affect opportunity.
- Knowing prerequisites and expectations early in a student's high school career (grade 10) is highly recommended.
- You are urged to review the AP Profile as outlined by each academic discipline. The syllabus of each class, which is reflective of a first year college course, is rigorous and demanding. The minimum standard is set by the College Board. Previous knowledge, a solid work ethic, and strong time management are requirements in all Advanced Placement level classes.
- Grade 10 students may enroll in a maximum of 1 AP course; Grade 11 students may enroll in a maximum of 3 AP courses; Grade 12 students may enroll in a maximum of 4 AP courses and appeal to the Principal for a fifth AP course. Please see handbook for further details.

GRADUATION REQUIREMENTS

Grade	9 – 11	12*
Number of credits that must be earned	124	124
Number of courses that must be taken and passed: ***		
English+	4	4
Mathematics (MA Colleges/Universities require 4 years.)	3	3
Social Studies++	3	3
Science	3	3
Wellness / Physical Ed. +++	4	4

Students must adhere to the Massachusetts Department of Elementary and Secondary Education (DESE) MCAS requirements (or comprehensive exam as determined by DESE) to receive a diploma. Graduation requirements are subject to change per MA DESE.

*** Seniors must earn a minimum of 25 credits in their Senior Year to graduate.**

**** One unit of PE/Wellness must be in the students' Senior Year**

***** A unit is equivalent to a full year course in all disciplines except for Wellness/Physical Ed. One semester satisfies a unit for Wellness/Physical Ed.**

† The four English courses that satisfy this requirement are exclusive of electives.

†† All students must pass three courses in social studies, one of which must be American History 2.

††† All students must participate in a Wellness/Physical education course each year per MA state regulations. Students must pass up to four units of Wellness/Physical Education two of which must be comprehensive health courses and two physical education courses (inclusive of Introduction to Fitness.)

Except for Seniors, students will not be allowed to enroll in two required English courses within the same school year.

Every student must earn a minimum of 124 credits to graduate. Class placement is determined by the number of years that a student has attended high school. Transferring students will have their previous school's transcript evaluated and graduation will be based upon the same 88% standard.

WITHDRAWAL FROM CLASS

Transferring or withdrawing from a course can be a difficult and disruptive process. Once a course begins, there is no guarantee that a request for withdrawal or transfer from a class can be honored, given that alternative options do not always exist. A change in schedule often affects more than just the class in question.

To initiate a **level** change, students must meet with their school counselor who will advise and counsel them as to possible options and consequences of a change. Preference changes will **not** be permitted after the start of the school year.

The following criteria must be met in order for this change to be considered. They are:

1. The student has actively participated in class.
2. The student has completed all assigned homework and class projects.
3. The student has sought additional help outside of the regularly scheduled class time.

A change, even if approved, cannot always be granted. When the proposed course has been closed due to class size or a change would create a conflict in a student's schedule, the intended change cannot be granted.

GRADE POINT AVERAGE

Calculating the course-weighted GPA is accomplished in four steps.

1. Convert each final grade to the scale described below.
2. Multiply the adjusted grade by the credits *earned* in the course.
3. Take the total product from (2) and divide by the number of credits *attempted*.
4. The quotient is the student's course-weighted GPA.

The chart that is found on the next page describes the conversions.

Grade	CP	Honors	AP
100	4.0	4.5	5.0
99	4.0	4.5	5.0
98	4.0	4.5	5.0
97	4.0	4.5	5.0
96	3.9	4.4	4.9
95	3.9	4.4	4.9
94	3.9	4.4	4.9
93	3.9	4.4	4.9
92	3.8	4.3	4.8
91	3.8	4.3	4.8
90	3.7	4.2	4.7
89	3.6	4.1	4.6
88	3.5	4.0	4.5
87	3.4	3.9	4.4
86	3.3	3.8	4.3
85	3.2	3.7	4.2
84	3.1	3.6	4.1
83	3.0	3.5	4.0
82	2.9	3.4	3.9
81	2.8	3.3	3.8
80	2.7	3.2	3.7
79	2.6	3.1	3.6
78	2.5	3.0	3.5
77	2.4	2.9	3.4
76	2.3	2.8	3.3
75	2.2	2.7	3.2
74	2.1	2.6	3.1
73	2.0	2.5	3.0
72	1.9	2.4	2.9
71	1.8	2.3	2.8
70	1.7	2.2	2.7
69	1.6	2.1	2.6
68	1.4	1.9	2.4
67	1.3	1.8	2.3
66	1.2	1.7	2.2
65	1.0	1.5	2

Any grade falling at 64 or below is a failing grade and earns 0.00 credit.

COLLEGE AND UNIVERSITY ADMISSION STANDARDS

The admission standards for Colleges and Universities vary from school to school. In general, all schools of higher learning emphasize a strong academic high school preparation to insure the student's readiness to meet their learning challenges. The more selective the college or university, the greater the expectation regarding academic background and the high school course of studies chosen by the student.

In June of 2016, The Massachusetts Board of Higher Education updated the higher admission standards for all of the Commonwealth's four-year public institutions. Meeting these standards is only a minimum requirement and does not guarantee admissions. Final admission decisions rest on a variety of factors. Students should challenge themselves academically and take advantage of all opportunities their high school provides.

Academic Course Requirement (according to the MBHE)

Seventeen college preparatory courses distributed as follows are required:

* English	4 courses
* Mathematics	4 courses (Algebra 1 & 2 and Geometry or Trigonometry, or comparable course work) Students must enroll in core math class during senior year.
* Sciences	3 courses (including 3 courses with laboratory work)
* Social Studies	2 courses (including 1 course in U.S. History)
* Foreign Languages	2 courses (in a single language)
* Electives	2 courses (from the above subjects or from the Arts & Humanities or Computer Sciences)

Admissions Directors at colleges and universities indicate that high school program of studies and performance is the most important credential in admissions determination. The more selective the college or university, the greater the expectations of the admissions committee as defined below.

Most Selective Schools (accept less than 25% of applicants): College-preparatory program recommended. Recommended units include English (4), mathematics (4), social studies (4), science (4) and foreign language (4). Applicants are encouraged to take the most rigorous courses and make the most of any opportunities for enrichment.

Highly Selective Schools (accept less than 50% of applicants): College-preparatory program recommended, 20 units recommended. Recommended units include English (4), mathematics (4), social studies (4), science (4), and foreign language (3).

Selective Schools (accept less than 75% of applicants): College-preparatory program recommended, 16 units required; 20 recommended. Recommended units include English (4), mathematics (3), social studies (3), science (3), foreign language (2-3), and academic electives (4).

Course Registration Procedures

2024-2025

Incoming Grade 9

Below is the timetable to be followed for the course registration process:

1. **March 4th & 6th:** MHS School Counselors will present information during social studies period to Grade 8 students about Mansfield High School, how the schedule works, graduation requirements and expectations of a high school student, as well as how to register on line. The registration timeline will also be discussed. The complete Program of Studies can be found on the MHS website.
2. **March 12th:** Grade 8 students will receive a copy of their teachers' recommendations for the 2024-25 school year and a hard copy of the Incoming Grade 9 Program of Studies will be distributed to each student.
3. **March 12th – March 21st:** Students register for classes online. The portal closes on Monday, March 22nd at 11:59 PM.
4. **March 21st - Online course requests must be completed by 11:59pm.**
5. **June:** The last day to request a change to the course requests is the last day of school in June. These requests must be made in writing to Ms. Martin.

If a student is not in agreement with a teacher's recommendation they may speak with the teacher. If the recommendation remains the same, they may choose to complete the Course Recommendations Change form given to them by their teacher when they discuss the change. This form must be submitted by **April 10th**.

Instructions for Grade 9 Registration

You are about to make important decisions regarding your academic transition to high school. Selecting the right classes and achieving academic success should be your guidelines. Take the time to review your current teachers' recommendations and the course descriptions in the program of studies. Pay attention to requirements, expectations and prerequisites.

STEP #1: Core Courses:

All students must take English, Social Studies, Math and Science (4 full year courses = 20 credits). Teacher recommendations are listed online. All Grade 9 students are required to take Health – Introduction to Wellness (1 semester = 2.5 credits).

STEP #2: World Language: (French or Spanish):

If World Language (Full year course = 5 credits) will be part of your freshman selections, the recommendation will appear online. If World Language is not listed on the recommendation section of the form, you may choose to take Spanish 1 or French 1.

If you are not taking a world language, proceed to step #3.

STEP #3: Electives:

Total the amount of credits you have registered for so far. Subtract this sum from 35; the remainder is the number of credits you have to select as electives. To complete your schedule, choose additional courses from the elective choices for a total of 35 credits.

The total of core courses and electives as Primary Requests should equal 35 credits.

STEP #4: Alternative Requests: All students need to select alternatives.

When creating a student's schedule, conflicts may occur. For example, two of your selected electives may be taught at the same time. Every effort is made to resolve these conflicts *and* accommodate primary academic choices. We require that all students provide five (5) alternative electives. Check off for your alternative choices in the select box. You may prioritize by placing 1, 2, 3, etc in the box. Failure to provide alternate electives leaves the choice to the scheduling administrator.

STEP #5: Post your registration selections. Course registration requests are to be completed by 11:59 PM March 21st.

Things to keep in mind when registering for classes online

- Students are able to “unclick” a teacher recommendation. However, if a student wishes to enroll in a class at a **higher level than recommended**, they **must** see their teacher.
- If you have not met the prerequisite for a course, you will not be able to request that course. If you are currently in a course that is the prerequisite for another, the system will presume that you will pass and allow you to register for the next course. In the event that you do not pass the class you are currently enrolled in or do not meet the prerequisite grade, you will be removed from your course selection as you have not met the prerequisite.
- You will be able to register for classes in the visual and performing arts department as well as the physical education department; however, teachers will review the requests and determine if students are eligible for their requested class.
- For academic electives in the Social Studies, Science, Math and English departments, you will see that you have been recommended for either the honors or CP level. You may sign up for any elective at that level provided you have met the prerequisite for the course.
- You **MUST** register for 35 credits for primary choices and 5 alternative courses.

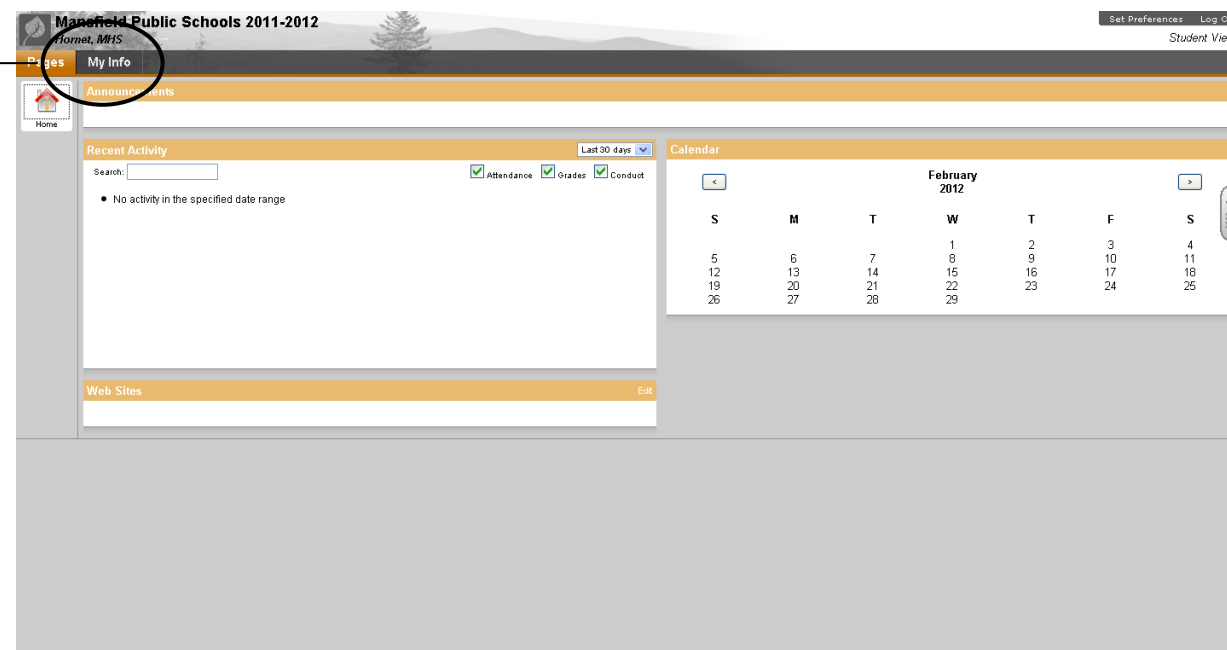
COURSE REQUESTS IN X2

Mansfield High School offers Online Course Registration, streamlining the process. The steps below will detail how to register for your courses online through the X2 Student Portal.

STUDENT COURSE REQUESTS

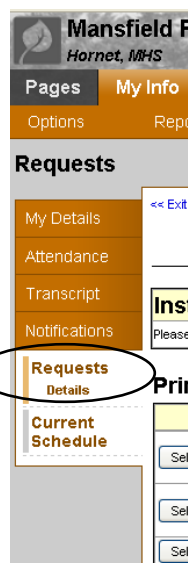
When you first log into the system using the user name and password, you will be brought to the Student View Home Tab. At any time, if you do not know what screen you are on, you can always click on the *Pages* Top Tab to return to this page.

Your screen may look slightly different.



1. Click on the My Info Top tab.

2. Then Click on the Requests Side Tab.



This will take you to the requests screen.

- Simply click on the *Select . . .* button next to the subject that you want to make the request for. **See below for detailed instructions on how to make your selection.**

- Under Alternate Requests, please choose 5 alternates for the courses you chose under Primary requests.
- If you want to send a message to your counselor, type them in the *Notes for Counselor* section. This is optional.
- Be sure to click on the *Post* button when you are finished with both your requests and any message you type in.**

2012-2013 - Requests: 11 primary, 0 alternate - Scheduled: 100% - Credits: 37.5

Instructions
Please review all selections with your counselor before finalizing. Thank you

Primary requests

Subject area	School Course > CrsNo	School Course > Description	School Course > Level	Alternate?	Credits
Select... Business	543	Personal Finance	CP	N	2.5
Select... English	850	Career Theory	CP	N	2.5
Select... English	038	English 11	CP	N	5.0
Select... Foreign Language	051	Comedy/Lit	CP	N	2.5
Select... Health/Wellness	928	Intro to Personal Training	CP	N	2.5
Select... Human Dev and Fam Sci					
Select... Performing Arts	873	Drama 1	CP	N	2.5
Select... Science	324	Environmental Issues: Habitat & Species	H	N	2.5
Select... Science	325	Environmental Issues: Global Issues & Energy	H	N	2.5
Select... Social Studies	128	American Hist II	CP	N	5.0
Select... Visual Art	851	Art and Technology 1	CP	N	2.5

Alternate requests

Subject area	School Course > CrsNo	School Course > Description	School Course > Level	Alternate?	Credits
Select... English					

Notes for counselor

Post Last posted time: 1/13/2012 8:46 AM Approved time:

DETAILED INSTRUCTIONS FOR MAKING YOUR REQUEST FOR A SPECIFIC SUBJECT AREA:

When you click on the *Select . . .* button, you will see a box pop up similar to the one below.

- In the top area, you will see the subject area you are requesting for and any instructions.
- If you are eligible to take a course, there will be a check box available in the *Select* column. Simply check the box and click the OK button.
- If there are more courses available than will fit on the screen, you can click the arrow to scroll to the next page of courses.
- Under the *Status* column you will see one of the following:
 - Recommended** – This is the class that has been recommended by your teacher. You will not be able to remove this selection.
 - Course in Progress** or **Course Completed** – You have completed and passed the course or are currently enrolled.
 - Approval Required** – You can request the course, but final enrollment will depend on department approval.
 - Prerequisite not met** – You have not met the criteria to take this course.

Subject area Social Studies

Instructions Please if you have not been recommended for a course you wish to take, please review that with your teacher. You may select a maximum of 3 courses. **If you are interested in taking an AP course you will need the approval of your teacher and the department head.**

1 of 19 selected

CourseNumber	CourseDescription	Academic level	Credit	Prerequisite	Status	Select
117	American Hist I	H	5.0			<input type="checkbox"/>
118	American Hist I	CP	5.0		Course in progress	<input type="checkbox"/>
119	Asian Studies	H	2.5		Course completed	<input type="checkbox"/>
120	Asian Studies	CP	2.5			<input type="checkbox"/>
129	AP Amer History	AP	7.5		Approval required	<input type="checkbox"/>
128	American Hist II	CP	5.0		Recommended	<input checked="" type="checkbox"/>
127	American Hist II	H	5.0			<input type="checkbox"/>
187	Economics	H	2.5	222	Prerequisite not met	<input type="checkbox"/>
142	Sociology	H	2.5			<input type="checkbox"/>
143	Sociology	CP	2.5			<input type="checkbox"/>

OK **Cancel**

- Click on the Ok button when you are finished with your selections.

Again, when you have finished making all of your requests for each subject area and typed in any optional notes to your counselor, **you must click on the *Post* button at the bottom of the request screen for your requests to enter the system.**

Once you have posted your requests, your guidance counselor will be able to view your requests. You **MUST** select 35 credits as primary choices and 5 classes as alternative choices.

Mansfield High School
Student Worksheet (this is not a registration form)

					<i>Open to Grades</i>			
ARTS - PERFORMING ARTS					9	10	11	12
PA820Y	Band	H	4	5	x	x	x	x
PA821Y	Band	CP	4	5	x	x	x	x
PA811Y	Concert Choir Day	H	4	5	x	x	x	x
PA888Y	Orchestra	H	4	5	x	x	x	x
873	Drama 1	CP	2	2.5	x	x	x	x
878	Drama 2	CP	2	2.5	x	x	x	x
880	No Fear Improv	CP	2	2.5	x	x	x	x
PA880Y	Technical Theatre /Stagecraft 1&2	CP	2	2.5	x	x	x	x
890S	Music Theory	CP	2	2.5	x	x	x	x
887	Musicianship	H	2	2.5	x	x	x	x
883S	History of Rock and Roll Music	CP	2	2.5	x	x	x	x
885S	History of Rock and Roll Music	H	2	2.5	x	x	x	x
882	Hip Hop History	CP	2	2.5	x	x	x	x
870	Media Production: Podcast, TV & Music Industry	H	2	2.5	x	x	x	x
884	Guitar I	CP	2	2.5	x	x	x	x
889	Guitar II	CP	2	2.5	x	x	x	x
886	Music in Film	CP	2	2.5	x	x	x	x
888	Dance and Stage Movement	CP	2	2.5	x	x	x	x
893	Unified Music	CP	2	2.5	x	x	x	x

ARTS – VISUAL ARTS

821S	Art I	CP	2	2.5	x	x	x	
822S	Art II	CP	2	2.5	x	x	x	
841S	Ceramics I	CP	2	2.5	x	x	x	
862	Digital Art I	CP	2	2.5	x	x	x	
831	Unified Art	CP	2	2.5	x	x	x	x

BUSINESS

516	Design Publication	CP	2	2.5	x	x	x	x
521	Entrepreneurship	CP	2	2.5	x	x	x	x
543	Personal Finance	CP	2	2.5	x	x	x	x
550	Career Readiness	CP	2	2.5	x	x	x	x
514	Introduction to Business	CP	2	2.5	x	x		

ENGLISH

016	English 9 Honors	H	4	5	x			
017	English 9 College Prep A	CP	4	5	x			
018	English 9 College Prep B	CP	4	5	x			
090.9	Essential College Prep English 9 (<i>Recommendation Only</i>)	CP	4	5	x			

ENGLISH (Continued)		Level		Term(s)		Credits		Open to Grades			
								9	10	11	12
040	Media Studies and Public Speaking College Prep	CP	2	2.5	x	x					
041	Media Studies and Public Speaking Honors	H	2	2.5	x	x					
050	Creative Writing I College Prep	CP	2	2.5	x	x					
053	Creative Writing I Honors	H	2	2.5	x	x					
063	Reading Strategies I (<i>Recommendation Only</i>)	CP	4	5	x	x	x	x			
063.2	Reading Strategies II (<i>Recommendation Only</i>)	CP	4	5	x	x	x	x			
067	Literary Skills (<i>Recommendation Only</i>)	CP	4	5	x	x	x	x			

HEALTH AND WELLNESS

938	Introduction to Wellness	CP	2	2.5	x						
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MATHEMATICS

096.9	Essential College Prep Math 9 (<i>Recommendation Only</i>)	CP	4	5	x						
212	Algebra 1 CPB	CP	4	5	x	x					
213	Algebra 1 CPA	CP	4	5	x	x					
214	Geometry Honors	H	4	5	x	x					
234	Geometry CPA	CP	4	5	x	x	x				
248	Introduction to Engineering I Honors	H	2	2.5	x	x	x	x			
263	Explorations in Math I Honors	H	2	2.5	x	x					

	<u>Computer Offerings</u>										
255	Introduction to Computer Science	H	2	2.5	x	x	x	x			

OTHER COURSES

	<u>BY RECOMMENDATION ONLY</u>										
101Y	Study Skills	UNLV	4	5	x	x	x	x			
062.1/.2	Academic Skills Workshop	UNLV	2	2.5	x	x	x	x			
089.1/.2	Academic Skills Workshop/FEL	UNLV	2	2.5	x	x	x	x			
114	EL Foundational	CP	4	5	x	x	x	x			
115	EL Transitional	CP	4	5	x	x	x	x			

SCIENCE

080	Essential College Prep Biology (<i>Recommendation Only</i>)	CP	4	5	x						
302	Biology with Lab Honors	H	4	5	x						
355	Biology with Lab College Prep	CP	4	5	x						
324	Environmental Issues: Habitat with Lab: Habitat and Species	H	2	2.5	x	x	x	x			
325	Environmental Issues: Marine Science with Lab	H	2	2.5	x	x	x	x			
353	Field Ecology with Lab Honors	H	2	2.5	x	x	x	x			
354	Field Ecology with Lab College Prep	CP	2	2.5	x	x	x	x			
348	STEAM Honors with Lab	H	2	2.5	x	x	x	x			
349	STEAM with Lab	CP	2	2.5	x	x	x	x			

SOCIAL STUDIES

081	Essential College Prep World History <i>(Recommendation Only)</i>	CP	4	5	x			
108	World History Honors	H	4	5	x			
109	World History College Prep	CP	4	5	x			
119	Asian Studies Honors	H	2	2.5	x	x	x	x
120	Asian Studies College Prep	CP	2	2.5	x	x	x	x
122	Making History Honors	H	2	2.5	x	x	x	
121	Making History College Prep	CP	2	2.5	x	x	x	
130	Human Geography Honors	H	2	2.5	x	x	x	x
131	Human Geography College Prep	CP	2	2.5	x	x	x	x
132	Russian History Honors	H	2	2.5	x	x	x	x
133	Russian History College Prep	CP	2	2.5	x	x	x	x

WORLD LANGUAGES

413	French 1 College Prep	CP	4	5	x	x	x	
422	French 2 College Prep	CP	4	5	x	x	x	x
423	French 2 Honors	H	4	5	x	x	x	x
416	Spanish 1 College Prep	CP	4	5	x	x	x	
425	Spanish 2 College Prep	CP	4	5	x	x	x	x
426	Spanish 2 Honors	H	4	5	x	x	x	x

ARTS – PERFORMING ARTS

MISSION STATEMENT

The Mansfield High School Performing Arts Department is committed to every student having access to a high quality and equitable performing arts education. Through the study of masterworks across multiple genres and mediums, our students will experience, perform, and carefully scrutinize the best of the music, dance, and theater repertoire in order to hone their skills as performers and consumers of fine arts. Each program and class offered will provide opportunities for a greater level of expression and understanding of the performing arts as a whole. We intend for graduates to become lifelong, enthusiastic participants and supporters of the arts.

*Course
Number Title*

PA820Y BAND
PA821Y BAND

HONORS 5 Credits
CP 5 Credits

The Mansfield High School Band is a diverse musical performance ensemble. The Band provides the opportunity to learn and apply reading skills, as well as performance and interpretive music skills. Band members are not only able to attain a high degree of proficiency on their respective instruments but also an awareness of and appreciation for fine music. Band is available to students at the CP and Honors levels. Students who elect to take band at the CP level do not have to participate in marching band and evening and weekend rehearsals related to marching band. Students who elect to take CP band will participate in class and evening concerts as well as the MICCA festival in the spring. Additional after-school rehearsals may be scheduled at the discretion of the director prior to a concert. Band members who elect to take band at the honors level will be required to meet all of the criteria for the CP level as well as full participation in the competitive marching band. Honors/Marching band members must attend a mandatory band camp in August as well as all preseason rehearsals. From the end of band camp until the final competition, students must attend two rehearsal nights per week and Saturday rehearsals in order to participate in band. Honors/Marching Band students must attend all evening and weekend rehearsals and performances, including competitions, as part of the class grade. Honors level students will be required to participate in town parades and all home football games. All band students may have the opportunity to participate in in-state, out-of-state, and overnight field trips. Overnight trips are not mandatory but it is our goal to allow every student to participate regardless of their financial situation. There are opportunities for fundraising and scholarships provided by the Mansfield Band Parents Association. There is no impact to a student's grade if they do not participate in an out of state trip. Students are responsible for the upkeep of their personal instruments and any repairs due to neglect of a school instrument. All students must be members in good standing of the band program to participate in Districts, SEMSBA, and All- State. Band members may elect and/or audition for Jazz Band, Winter Percussion, and Color Guard which all meet in the evening and on weekends during competition season. Percussion will split into a separate class from the winds if scheduling allows.

Open to Grades: 9, 10, 11, 12

PA811Y CONCERT CHOIR DAY**HONORS 5 Credits**

Concert Choir is a singing organization at MHS open to all students who enjoy singing. Concert Choir is the core, entrance ensemble for all vocal students. Vocal parts range from Soprano I and II, Alto I and II, Tenor, and Bass. Students will have many opportunities to perform a wide range of choral music. Students will be asked to attend some extra rehearsals for the Winter and Spring Concerts, and other events that may be scheduled by the director and the Performing Arts Department. As a member in good standing, students are eligible to audition for the S.E. District, All-State, or other competitive opportunities sought by the director. All after school and evening rehearsals and performances are mandatory. Overnight trips are not mandatory, but it is our goal to allow every student to participate regardless of their financial situation. There will be fundraising opportunities.

Open to Grades: 9, 10, 11, 12 – Students may elect to take concert choir for one semester or a full year.

PA888Y ORCHESTRA**HONORS 5 Credits**

The Mansfield High School Orchestra is a diverse musical performance ensemble. Orchestra provides the opportunity to learn and apply the reading skills, performance skills and interpretive skills of music. Members are expected to reach a high level of proficiency on their instrument as well as an appreciation for orchestral string and symphonic music. Students will study a variety of literature composed for string orchestra, chamber orchestra, and symphonic orchestra. A minimum of two concerts will be performed each year, with some rehearsals and performances occurring outside of the school day. All rehearsals and performances are mandatory. Meetings and special events are scheduled at the discretion of the director. As members in good standing, MHS Orchestra students are eligible to audition for state music festivals and regional performing groups. Chamber orchestra or other advanced groupings may be available to orchestra members by audition. Overnight trips are not mandatory, but it is our goal to allow every student to participate regardless of their financial situation. There will be fundraising opportunities.

Open to Grades: 9, 10, 11, 12

873 DRAMA 1**CP 2.5 Credits**

This introductory theatre course is designed for students who are interested in learning more about theater and acting. Students will explore improvisational acting techniques, scene work, monologues, character and script analysis, and performance challenges. Students will be required to attend and critique a live theatrical performance. This is a performance/project based course in which students will be expected to participate in all areas of study. A final class play may be performed for an audience.

Open to Grades: 9, 10, 11, 12

878 DRAMA 2**CP 2.5 Credits**

This advanced theatre arts course is designed for students who are serious about acting and directing. Students will analyze scripts, write and perform original plays, and study a variety of theatrical genres. This is a performance/project-based course in which students will be expected to participate in all areas of study. Projects will include performances that are written, directed, and produced for an audience. Students will be expected to analyze and critique their theatrical experiences.

Open to Grades: 9, 10, 11, 12

Prerequisite: Successful completion of Drama 1.

880 NO FEAR IMPROV CP 2.5 Credits

Students will learn improvisational techniques that will be explored by doing laugh-filled exercises and skill driven “short form” games. Structured, simple play will guide each improviser to experience individual success, discover the joy of ensemble support, and build a foundation to increase their creative and critical thinking skills.

Open to Grades: 9, 10, 11, 12

PA880Y TECHNICAL THEATRE/STAGE CRAFT 1/2 CP 2.5 Credits

This is an introductory technical theatre class. Students will learn how to operate sound and lighting equipment, design and build scenery, work as a part of the stage crew to move scenery backstage during dress rehearsals and performances, create a variety of images using specialized painting techniques, design and make props, select appropriate costumes, and collaborate with theater professionals from the local area. Students must be available after school to participate as members of the backstage crew for dress rehearsals and performances.

Open to Grades: 9, 10, 11, 12 This class may be repeated.

890S MUSIC THEORY CP 2.5 Credits

Music Theory is a course designed for students who have a serious interest in understanding the fundamentals of music and applying those fundamentals to composition and arranging. Students will learn basic concepts of pitch, rhythm, harmony, scales, and modes. Students will also be drilled in ear training, sight singing, and dictation. In Music Theory, students will learn to apply those fundamentals to basic composition projects.

Open to Grades: 9, 10, 11, 12

870 MEDIA PRODUCTION: Podcasts, TV & Music Industry H 2.5 Credits

Recorded media is a performance art, requiring multiple components of production skills. Over the course of the semester, students will learn about different media tools. They will develop research skills as well as creative planning and production knowledge in a number of recording platforms. Students will develop a long-range project specific to their interests and produce a podcast or television programming. The semester will culminate in the production of a television program or podcast in relation to the topic of their choice. Students will develop skills as “on air” talent, producers, researchers, and recording artists in an effort to create a piece of media.

Open to grades: 9, 10, 11, 12

885S HISTORY OF ROCK AND ROLL MUSIC H 2.5 Credits
883S HISTORY OF ROCK AND ROLL MUSIC CP 2.5 Credits

This course examines musical styles attributing to the emergence of Rock and Roll in the 50’s through its different incarnations today. Rock history will cover a diverse range of genres as well as the social movements and events that encouraged change in the music industry. Hands on exploration of the music studies should be expected. Instruments used in class will include ukulele and various percussion instruments. No prior instrumental experience is necessary. Course work will be lecture, research, reflection, and discussion based. Students should expect to improve upon writing, research, application of technology, critical thinking and debate. Honors students will complete additional assignments and projects.

Open to Grades: 9, 10, 11, 12

882 HIP HOP HISTORY**CP****2.5 Credits**

This course will examine the connections between the music, poetry and literature, and the social and cultural revolutions of expression. Beginning with hip-hop's roots in jazz and reggae, students will trace the movements and ideas that emerged to produce the hip-hop culture enjoyed by many today. Topics will include political and social revolutions, censorship, technology, and the aligned art forms that became the pillars of modern hip-hop; rap, graffiti, break dancing, mc'ing, and knowledge. Students will investigate Hip Hop through both music and non-music exploration, including poets like Langston Hughes, Allen Ginsburg, Jack Kerouac, Gregory Corso; artists like Banksy, Iz the Wiz, See; political movements and petition groups like Jamaican Labour Party, People's National Party, Parents Music Resource Center, and more. Course work will be lecture, research, reflection, and discussion based. Students should expect to improve upon writing, research, application of technology, critical thinking and debate.

Open to Grades: 9, 10, 11, 12

884 GUITAR I**CP****2.5 Credits**

This course will cover the basics of guitar, music fundamentals and essential theory. The guitar will be introduced at a beginner's level with instruction in the accompanying notation. A history of the guitar and overview of different musical styles will be studied as well. The course aims to create an appreciation for music through playing. Students should expect to play alone, in small groups, and as a large ensemble. There will be a performance component. There may be a requirement for students to participate in at least one evening performance as part of the student's grade. Guitars will be provided for class use and students will be required to have a tuner or download a tuner app to their phone.

Open to Grades: 9, 10, 11, 12 This class may be repeated.

889 GUITAR II**CP****2.5 Credits**

This course expands on the foundation built in Guitar I and will provide a deeper study of music fundamentals, music theory, and musicianship. Building on what students learned in Guitar I, students will examine different genres, notation and chord structures. A history of the guitar and overview of different musical styles will be studied as well. The course aims to create an appreciation for music through playing. Students should expect to play alone, in small groups, and as a large ensemble. There will be a performance component and students may be required to perform during at least one evening performance. Guitars will be provided for class use and students will be required to have a tuner or download a tuner app to their phone. This class may be repeated multiple times.

Open to Grades: 9, 10, 11, 12

Prerequisite: Guitar I or approval of teacher and department chair. This class may be repeated.

886 MUSIC IN FILM**CP****2.5 Credits**

This course will examine the role of music in film and media throughout history. It will focus on the functions of music within society, the cultural language music provides as well as the different elements/styles of music used in visual media. Students will explore the story telling of the radio era, silent films, commercial/sound effects, news reel, and styles of popular film from the classic era to today's Hollywood. Students can expect to participate in class discussions, research projects, writing assignments, presentations, and analytical reflections and debates of film and score resources. Audio/visual components will be utilized in presentations.

Open to Grades: 9, 10, 11, 12

888 DANCE AND STAGE MOVEMENT**CP****2.5 Credits**

This course will provide students with fundamental dance skills. Course work will also develop student appreciation for the art form and its history. A concentration on movement will increase body awareness as well as artistic and expressive abilities. Students should expect to investigate different dance forms, historical periods and performers, identification and understanding of quality movement, the anatomy of dance, varied dance genres, and choreography. Students should expect to improve upon writing, research, application of technology, critical thinking and debate. Students will be required to have appropriate dance attire for rehearsal and performances. There will be an in class public speaking and performance component. Students may be required to attend at least one evening performance. This class may be repeated and is best taken as two consecutive semesters.

Open to Grades: 9, 10, 11, 12 (This cannot count toward PE Requirement) This class may be repeated.

893 UNIFIED MUSIC**CP****2.5 Credits**

Unified Music provides a unique opportunity for students with and without disabilities to connect through ongoing opportunities through education and music. Individuals with disabilities and their peers will collaborate on a variety of music-based activities and projects. This creative sound play class will focus on singing, movement, percussion, and theater-based music activities. Students can expect to create sound stories and other similar projects. Students will be encouraged to perform their work at school events and concerts. Beyond being exposed to the musical experiences within this course, students will spend time in the classroom learning about topics such as inclusion, self-advocacy, and various disabilities. Upon completion of this course, students will be empowered to help create a more inclusive and unified school environment.

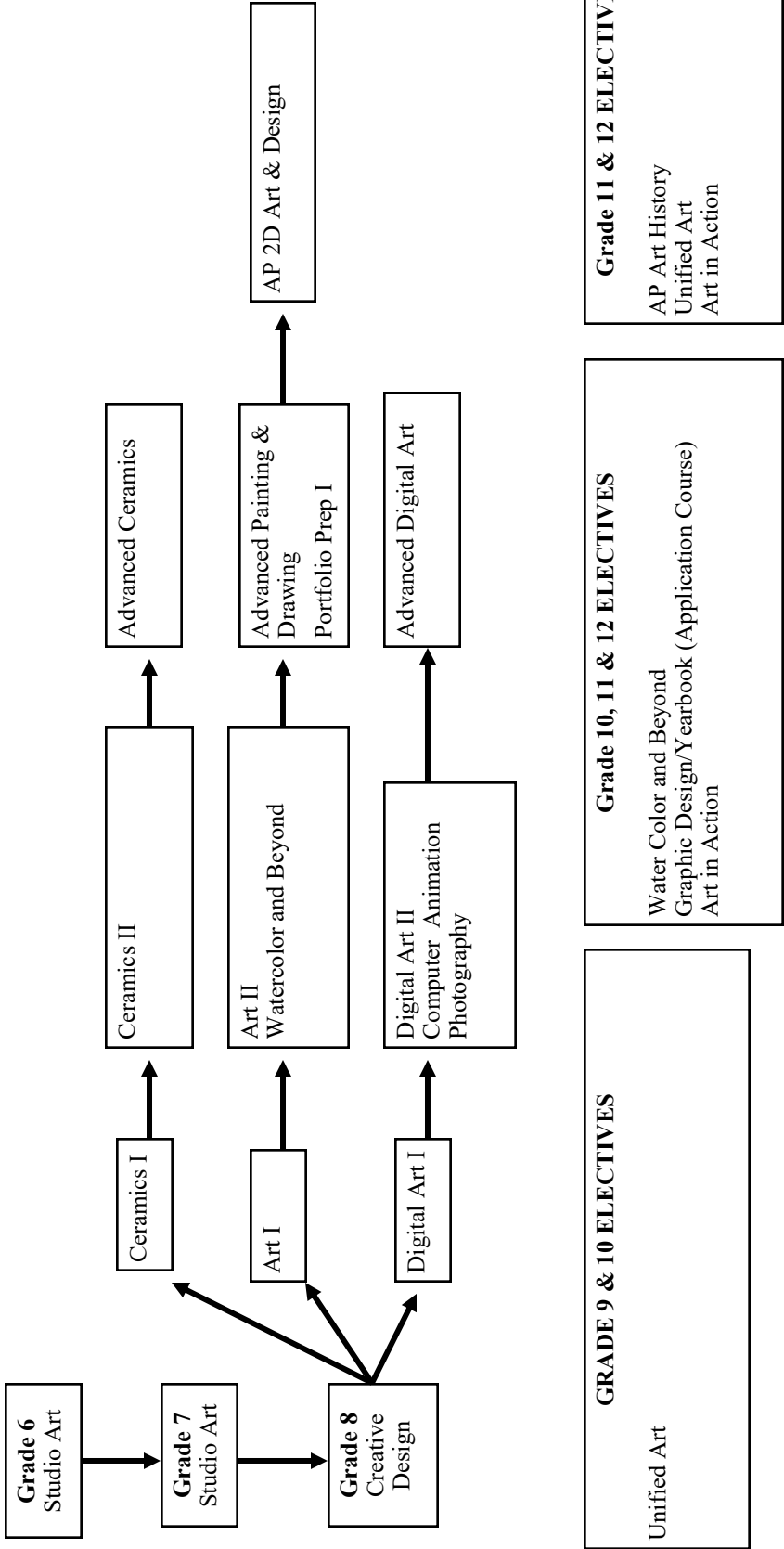
Open to Grades: 9, 10, 11, 12

887 MUSICIANSHIP**H****2.5 Credits**

Open to students who have previously been or are enrolled in a performance ensemble. This course is designed to help students enrolled in Band, Orchestra, Guitar or one of the Choirs become better musicians by engaging in the study of ensemble literature, basic music theory, musical vocabulary, and practice and performance techniques. Students will develop a specific and intensive practice regimen based on a study of best practices. A focus on the development of technical and ensemble abilities allows each student to take responsibility for their musical development in a structured environment. Continual self- assessment is a key part of the class as students examine their own strengths and needs and then find best practices or innovative and creative ways to improve needs and further enhance strengths.

Open to Grades: 9, 10, 11, 12

VISUAL ARTS SEQUENCE GRID



***NOTE:** Typical pathways presented. Students may move between levels based on performance and teacher recommendations.

ARTS - VISUAL ARTS

MISSION STATEMENT

The mission of the Mansfield High School Visual Arts Department is to provide students with intellectually informed, hands-on instruction in the practice of an array of visual arts media within the context of a broader school community. Students will develop critical insight and formal and technical innovation, and be encouraged to express their own ideas via the various mediums. The Visual Arts Department believes that student art can be a positive force in school culture and the community at large. In the event of virtual or hybrid instruction, certain aspects of course work may be modified and some supplies will be provided.

Course
Number **Title**

821S ART I **CP 2.5 Credits**

This introductory course is intended for students wanting to develop their creative skills. An emphasis on the principals and elements of design, observational drawing and portraiture are taught in this class. Using light, shadow, shade and tone and color, students learn to manipulate design elements in a variety of two and three-dimensional media to create representational and abstract artwork. Various techniques are introduced and students are encouraged to develop their own style of work. Students become familiar with the problems of design, basic art elements, proper use of scale and perspective, and introduction of specialized media. Assessments include periodic tests, process and product critiques, and weekly sketchbook assignments. Participation in regular departmental exhibitions is a course expectation. There is no prerequisite for this course.

Open to Grades: 9, 10, 11

822S ART II **CP 2.5 Credits**

This course involves advanced investigation of the principles and elements of art. Students develop critical thinking and visual problem solving skills, advanced artistic knowledge, and vocabulary based upon the foundation established in Art I. Continued color mixing, analysis and application will be fundamental skills taught in this class. Research and class critiques help students to internalize specialized arts vocabulary and habits of mind. Weekly homework sketchbooks reinforce material learned in the classroom. Participation in regular departmental exhibitions is a course expectation.

Open to Grades: 9, 10, 11

Prerequisite: Art I

841S CERAMICS I**CP****2.5 Credits**

This introductory course in ceramics will cover the basic techniques of hand-building. In addition, students will be introduced to the various stages of clay process including various firing and glazing techniques. Students will explore a variety of glazing and surface decoration. Students will need to understand the application of the elements and principles of design relating to 3d space, develop skill in personal expression, as well as aesthetic valuing and historical references to this art form and its methods. Students will participate in written and oral critiques. Students will also be encouraged to develop their own projects, individual directions, and ideas in the creative range of clay. Participation in regular departmental exhibitions is a course expectation.

Open to Grades: 9, 10, 11

862 DIGITAL ART I**CP****2.5 Credits**

This is an introductory digital art class exploring **computer based art, photography and animation**. Students use digital drawing tablets, digital cameras and various software programs from the Adobe Creative Suite to explore foundational art theory concepts such as the elements of art, principles of design, color theory, composition, and typography to produce exciting artwork for the web and print. ***This class was previously known as Digital Media and cannot be repeated.***

Open to Grades: 9, 10, 11

831 UNIFIED ART**CP****2.5 Credits**

Unified Art provides a unique opportunity for students with and without disabilities to connect through ongoing opportunities through education and art. In this course students will be introduced to a variety of media and issues/topics. This course emphasizes the importance of “process” in creating a piece of art. Topics will be presented and students will be asked to find creative solutions to problems. Some topics that will be visited are conceptual art, art history, and current events. Students will receive support and structure. Students will be assessed through their efforts, creative problem solving methods, critiques and journaling. Students will be encouraged to participate in creating displays in the school and establish community connections. Beyond being exposed to the musical experiences within this course, students will spend time in the classroom learning about topics such as inclusion, self-advocacy, and various disabilities. Upon completion of this course, students will be empowered to help create a more inclusive and unified school environment.

Open to Grades: 9, 10, 11, 12

BUSINESS & TECHNOLOGY

MISSION STATEMENT

The mission of the Business and Technology Department is to prepare students for college, career, and life through exposure to a variety of technical, business and financial application courses. Students who seek elective offerings in this department may be exposed to foundational concepts in the areas of Business, Marketing, and Finance, will have an opportunity to explore career interests, and will develop skills using computer-based programs commonly found in the work force. Each class focuses on improving student's knowledge of the global business world. Students learn to appreciate how critical business decisions and ever-changing technology impact consumers and affect business operations.

***Course
Number Title***

516 DESIGN PUBLICATION CP 2.5 Credits

Students will design, format, and present a variety of content to communicate for academic, personal, and professional projects effectively. Students will work collaboratively and learn several valuable skills including design elements, the importance of content layout to make projects visually appealing, working with various typography features, image editing, brand identity, social media marketing, and presentation designs. By the end of this course, you will be able to create material ready for a professional presentation.

Open to Grades: 9, 10, 11, 12

514 INTRODUCTION TO BUSINESS CP 2.5 Credits

Do you have an interest in Business but don't know what field of business to pursue? This introductory course will explore a variety of business topics giving students a solid foundation to pursue other Business & Technology classes in high school and college. Learning about the following topics, accounting, marketing & advertising, management, leadership & ethics, and economics, just to name a few, is a great place to start. Even if you don't pursue a career in Business, you'll have a great opportunity to learn how to be an educated consumer!

Open to Grades: 9, 10

521 ENTREPRENEURSHIP CP 2.5 Credits

This introduction course provides students an opportunity to become real entrepreneurs by running a small business in class! A classroom business will be funded with seed money from prior entrepreneurship students completing the same project. Topics covered will include major business functions such as management, production, operations, marketing and accounting. Students will enhance their experience through research, collaboration, simulations, and analysis of various current media.

Open to Grades: 9, 10, 11, 12

543 PERSONAL FINANCE**CP****2.5 Credits**

Personal Finance is a comprehensive high school course aligned with the Massachusetts state standards on financial literacy. This course is designed to empower students with the knowledge and skills necessary for making informed and responsible financial decisions throughout their lives. The curriculum is organized around four key pillars of financial literacy: Earning and Spending Income, Saving Money, Using Credit and Making Investments, and Protecting and Insuring Assets.

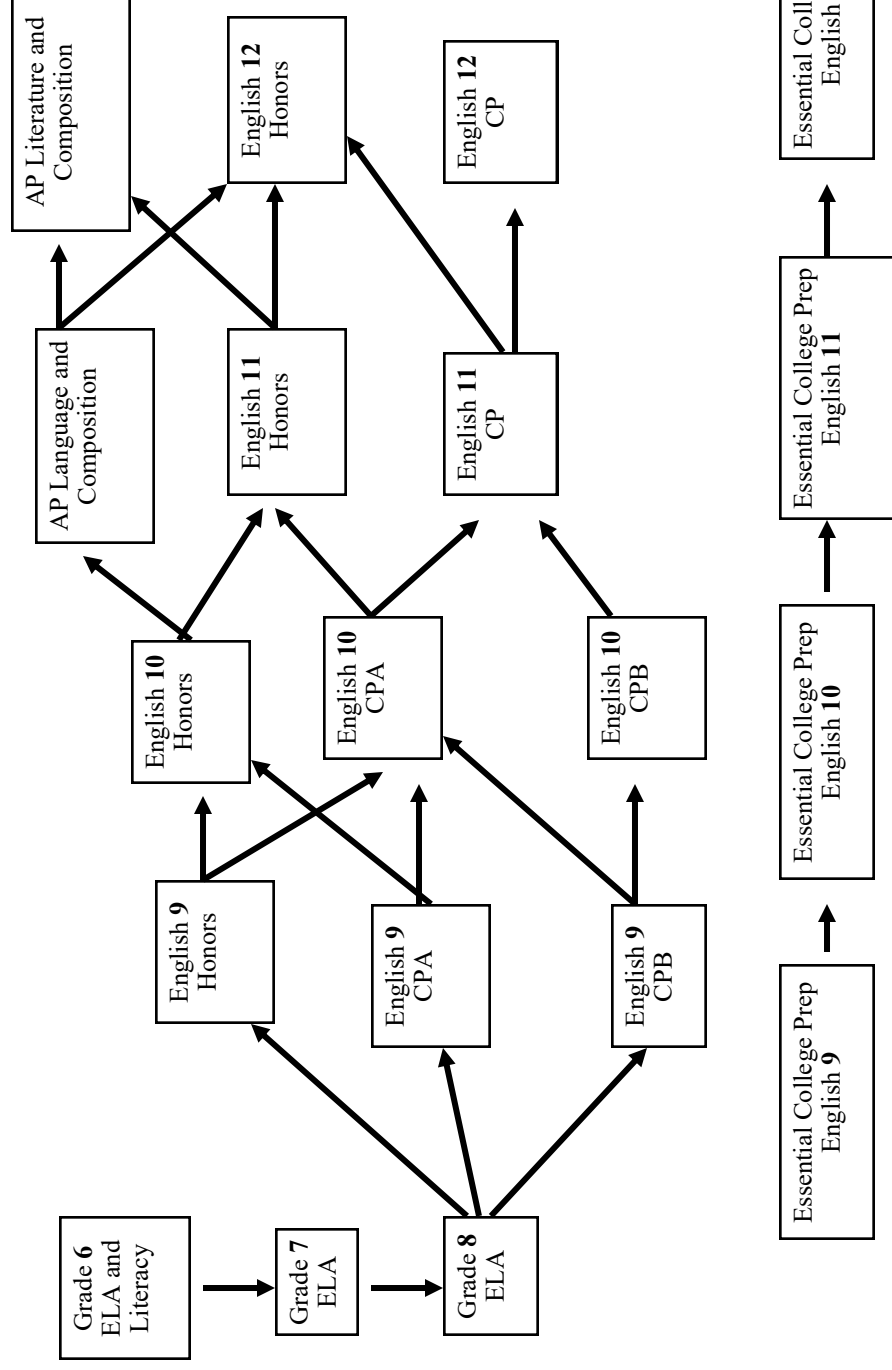
Open to Grades: 9, 10, 11, 12

550 CAREER READINESS**CP****2.5 Credits**

The Career Readiness course is designed to equip high school students with essential skills and knowledge necessary for a successful transition from the academic setting to life after high school. This comprehensive course focuses on developing a foundation of skills, attitudes, and competencies that are crucial for achieving success in variety of careers. Students will practice communication and teamwork, organization, collaboration skills, leadership skills and the importance of teamwork and ethical practices. Students will use presentation tools and explore various technology applications. Students will each create a portfolio website to highlight their skills using examples of work throughout this course.

Open to Grades: 9, 10, 11, 12

ENGLISH SEQUENCE GRID



***NOTE:** Typical pathways presented. Students may move between levels based on performance and teacher recommendations.

Grade 9 & 10 ELECTIVES

Media and Public Speaking—CP/H
Creative Writing I —CP/H
Identity & Culture Through
Memoir CP/H—Gr. 10

Grade 11 & 12 ELECTIVES

Comedy & Satire—CP/H
Creative Writing II—CP/H
Film as Literature—CP/H
Identity & Culture Through
Memoir —CP/H

BY RECOMMENDATION ONLY

Reading Strategies I
Reading Strategies II
Literary Skills

All English courses are aligned to the Massachusetts English Curriculum Frameworks and follow the suggested pathways outlined in the document. The Honors and College Prep courses are designed to prepare students for success at a four-year college or university. The Foundations/Essential courses, for recommended students only, prepares them for a two-year college or career readiness.

ENGLISH

MISSION STATEMENT

The mission statement of the English Department is to promote clarity of thought and clarity in written expression by developing skills in reading, writing, listening, speaking, and critical thinking. The various components of the curriculum are directly tied to these skills. For example, every freshman, sophomore, and junior participates in our department-wide Writing Sample Program to master rhetorical strategies for developing expository essays. Students study grammar to improve their reading comprehension and writing. Students study literature as a model for writing and critical thinking as well as a means to provide a perspective for understanding our world, ourselves, and the consequences of our actions.

CRITERIA FOR LEVELS

FOUNDATIONS/ESSENTIAL COLLEGE PREP STUDENT

- Student is able to access grade-level literature and text with instruction and support of guided reading activities.
- Student demonstrates developing written expression skills. Student's writing needs guided support in one or more of the following areas: focus, progression of ideas, and selection of appropriate evidence to support ideas.
- Student needs assistance in developing successful study skills in one or more of the following areas: guided note-taking, class preparation, and/or organization.
- Students are able to complete assignments with guided support.

COLLEGE PREP-B STUDENT (Gr. 9 & 10)/CP STUDENT (Gr. 11 & 12)

- Student is still developing study skills in one or more of the following areas: note-taking, class preparation, completion of writing assignments, and/or organization.
- Student may have difficulty grasping the literal meaning of the assigned literature and benefits from guided support with critical analysis.
- Student's writing is developing toward mastery. Student's writing needs guided support in one or more of the following areas: organization, focus, coherence, progression of ideas, and/or selection of appropriate evidence to support ideas.
- Student is able to manage nightly homework assignments, which may entail a reading load of 12-15 pages.

COLLEGE PREP-A STUDENT

- Student is prepared for class. Preparation includes having completed the homework assignments as well as bringing the proper materials.
- Student is able to grasp the literal meaning of the assigned literature and attempts to do critical analysis.
- Student's writing is competent, demonstrating adequate mastery, although writing may have lapses in quality
- Student completes nightly homework assignments, including nightly reading assignments which may entail up to 18- 25 pages.

HONORS STUDENT

- Student is always prepared for class. Preparation includes having completed the reading assignments for class discussion as well as bringing the proper materials.
- Student independently is able to grasp the literal meaning of the assigned literature and demonstrates strong critical thinking skills.
- Student takes an active role in class discussion on a daily basis.
- Student's writing is well organized and focused; the writing also exhibits a facility in the use of language. Additionally, the student is willing to accept writing feedback and criticism in order to grow as a writer.
- Student completes nightly homework assignments, which may entail a lengthy reading load.
- Student exhibits a diligence to pursue an answer to a challenging idea even when the solution is not obvious on the first try.
- Student is able to manage a demanding workload—both in and out of class.
- Student is motivated to learn and has the desire to be in an academically rigorous class.

Course

Number Title

016 ENGLISH 9

HONORS 5 Credits

Students can expect an accelerated course in grammar, vocabulary, composition, and literature. They must be motivated to read independently, interpret challenging literature, and take an active role in class participation. The coverage of material is rigorous, and the work in writing is intensive. In addition to works of nonfiction and poetry, students will read literature selected from among the following choices: *The Odyssey*, *Romeo and Juliet*, *A Tale of Two Cities*, *Great Expectations*, *To Kill a Mockingbird*, *Just Mercy* and *Of Mice and Men*. Students will examine these works closely, analyzing their literary and thematic content through class discussions, writing assignments, oral presentations, and research activities. Students will also be introduced to the study of rhetoric in both written and visual texts. They will work toward mastery of the multi-paragraph essay. Students will make formal and informal oral presentations. The course is aligned to the 2017 English Language Arts and Literacy Framework.

Open to Grade: 9

Prerequisite: In order to meet with success in this course, students should have demonstrated proficiency or mastery on essays in eighth grade ELA, and on the eighth grade English skills placement assessment.

017 ENGLISH 9

CPA 5 Credits

Students can expect a challenging course in grammar, vocabulary, composition, and literature. They must be able to read and write independently. They will explore the different literary genres and read works such as *The Odyssey*, *Romeo and Juliet*, *Great Expectations*, *To Kill a Mockingbird*, and *Of Mice and Men*. Students will examine these works closely, analyzing their literary and thematic content through class discussions, writing assignments, oral presentations, and research activities. Students will also be introduced to the study of rhetoric in both written and visual texts. They will work toward writing proficient multi- paragraph essays. Students will be required to make formal and informal oral presentations. This course is aligned to the 2017 English Language Arts and Literacy Framework.

Open to Grade: 9

Prerequisite: Should be approaching proficiency on essays in eighth grade ELA, and on the English skills assessment.

Students will be introduced to the different literary genres and to effective rhetorical strategies for composition. In addition to short stories, poetry, and works of nonfiction they will read selected literary works such as *The Odyssey*, *Romeo and Juliet*, *To Kill a Mockingbird*, and *Of Mice and Men* to develop their reading comprehension and analytical skills. Students will also be introduced to the study of rhetoric in both written and visual texts. Students will work toward proficiency in writing the five- paragraph essay. Throughout the year, students will work on improving vocabulary, grammar, and research skills. Students will continue to develop all of the basic skills necessary to succeed on the state's assessment. This course is aligned to the 2017 English Language Arts and Literacy Framework.

Open to Grade: 9

Prerequisite: Students should have scored in the lower range on essays in eighth grade ELA and on the English skills assessment.

090.9 ESSENTIAL COLLEGE PREP ENGLISH 9

CP 5 Credits

Students will be introduced to the literary genres and to effective rhetorical strategies for composition. This course is designed to help students who need specific skill instruction in reading comprehension and writing development. Students will read selections in fiction, nonfiction, poetry, and *The Odyssey* from the ninth grade anthology; they will also read the following literary works: *To Kill a Mockingbird*, *Of Mice and Men*, and *Early Autumn* and selected scenes from the play *Romeo and Juliet*. or *Julius Caesar*. Students will also be introduced to the study of rhetoric in both written and visual texts. Students will work toward developing proficiency in writing the five-paragraph essay with an emphasis on strengthening the fundamentals of written expression. Throughout the year, students will work on improving vocabulary, grammar, and research skills. This course addresses the essentials of the 2017 English Language Arts and Literacy Framework and will prepare students for two-year colleges, technical training, military service and/or the work force.

Open to Grade: 9 *By recommendation only*

040 MEDIA STUDIES AND PUBLIC SPEAKING
041 MEDIA STUDIES AND PUBLIC SPEAKING

CP 2.5 Credits
HONORS 2.5 Credits

Students will develop their critical thinking skills by examining the strategies and agendas present in radio, newspapers, magazines, television, and social media as well as in advertisements and commercials. In addition, students will have the opportunity to develop public speaking skills through formal speeches and informal presentations. Students will hone research skills and persuasive argument techniques. Students taking the course for Honors credit will be required to do an additional independent project

Open to Grades: 9, 10

050	<i>CREATIVE WRITING I</i>	<i>CP</i>	<i>2.5 Credits</i>
053	<i>CREATIVE WRITING I</i>	<i>HONORS</i>	<i>2.5 Credits</i>

This elective is designed for students who enjoy writing – poetry, stories, journals. Students will receive an introduction to the essentials of style, syntax, and plotting for creative writing with particular attention to fiction, poetry, and creative nonfiction. Students can expect to write in and out of class and share their work with peers and the instructor for evaluation and guidance. This elective is open to freshmen and sophomores: it does not take the place of the regular English requirement. Students taking the class for honors credit must have a mastery of English conventions; in addition, they are required to complete a substantial independent project. Students will be encouraged to submit work for publication, such as in the literary magazine.

Open to Grades: 9, 10

063	<i>READING STRATEGIES I</i>	<i>COMP</i>	<i>5 Credits</i>
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This course is designed for students with significant difficulties with decoding and encoding. Following a structured, multi- sensory, language-based approach, with an emphasis on sound and syllable segmentation, this course, which is taught by a highly qualified special education teacher, incorporates essential reading components, including instruction in decoding, encoding, fluency, vocabulary and comprehension.

Open to Grades: 9, 10, 11, 12 *By recommendation only*

063.2	<i>READING STRATEGIES II</i>	<i>COMP</i>	<i>5 Credits</i>
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Building on concepts taught in Reading Strategies 1, this course focuses on more advanced decoding strategies. It is designed for students with significant difficulties with decoding and encoding. Following a structured, multi-sensory, language-based approach, with an emphasis on sound and syllable segmentation, this course, which is taught by a highly qualified special education teacher, incorporates essential reading components, including instruction in decoding, encoding, fluency, vocabulary and comprehension.

Open to Grades: 9, 10, 11, 12 *By recommendation only*

067	<i>LITERARY SKILLS</i>	<i>COMP</i>	<i>5 Credits</i>
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This course is designed to provide students with significant difficulties with reading comprehension across the curriculum. This course, taught by a highly qualified special education teacher, focuses on strategies necessary to increase reading comprehension, fluency and vocabulary. Students will practice and apply strategies learned across content areas, as well as develop composition skills.

Open to Grades: 9, 10, 11, 12 *By recommendation only*

HEALTH & WELLNESS

MISSION STATEMENT

The Health and Wellness Department at Mansfield High School teaches students mental and physical wellness concepts designed to promote healthy habits which support healthy families, relationships, schools and communities. Students will develop the knowledge and skills necessary to assess risks to physical and mental well-being, and to communicate information clearly. We are committed to providing students with a safe and supportive environment to facilitate discussion and learning surrounding challenging topics.

Scope and Sequence

There is a graduation requirement of four (4) years of PE and Wellness. In those years, students are expected to complete:

Grade 9: All Freshman select Introduction to Wellness

Grade 10: All Sophomores choose Introduction to Fitness

Grade 11: All Juniors select Health Dynamics

Grade 12: All Seniors select a PE elective

<i>Course Number</i>	<i>Title</i>
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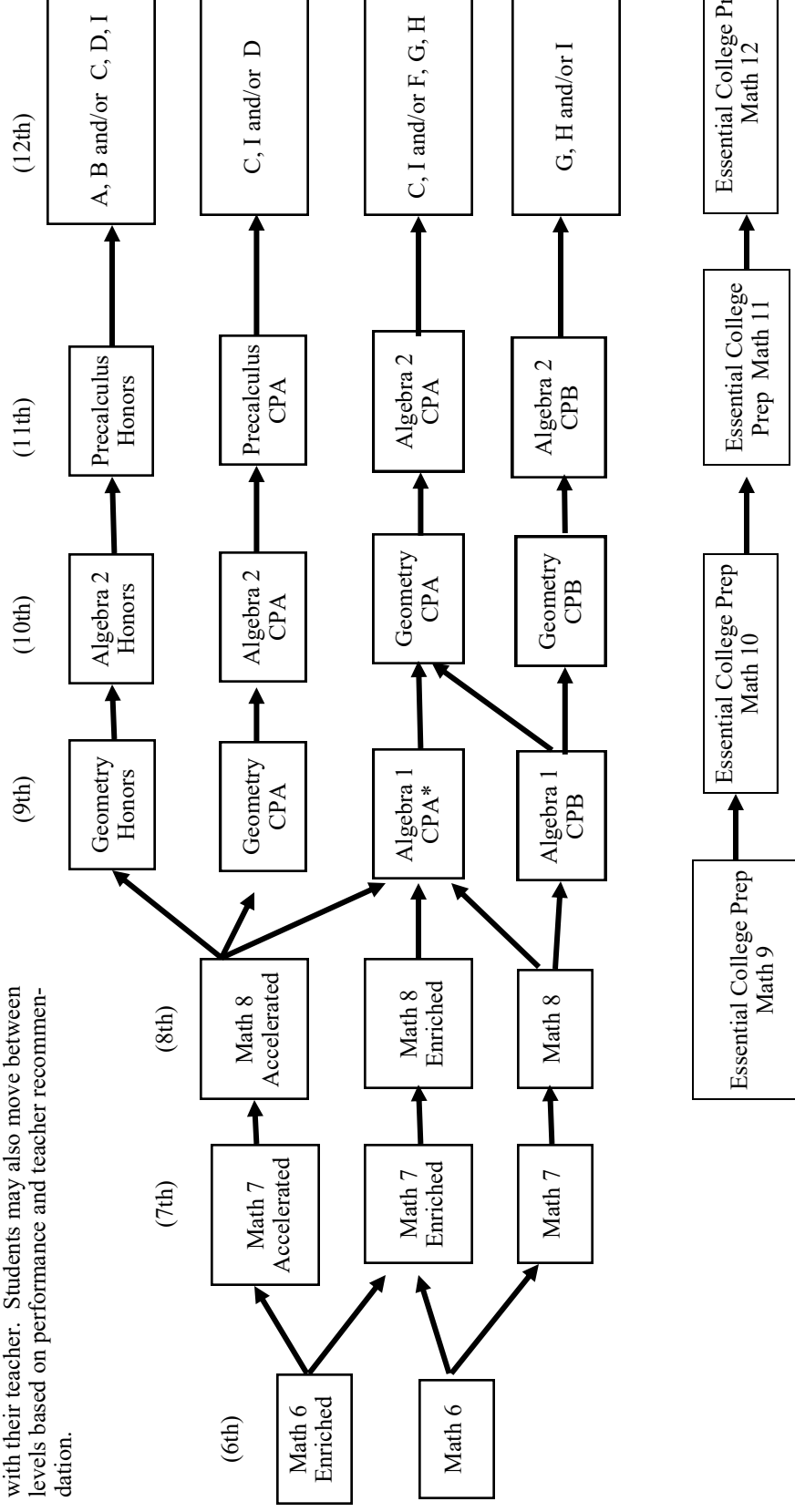
938 INTRODUCTION TO WELLNESS COMP 2.5 Credits

This course will provide students with basic principles of wellness for healthy living. Students will work towards a mastery of skills in communication, goal setting, and decision-making. Using the Six Components of Health as a model framework, topics will include risk factors to health, adolescent brain development, mental and emotional health, human sexuality, the effects of alcohol and drug use and abuse, and safety, and injury prevention. Students will be able to use the knowledge and skills they gain to reduce stress, build healthy relationships, and make informed decisions regarding their health.

Open to Grade: 9

MATH SEQUENCE GRID

The mathematics pathways presented are most typical, though alternate pathways exist. Students who wish to explore alternate pathways should speak with their teacher. Students may also move between levels based on performance and teacher recommendation.



*Students seeking calculus senior year may elect to take Algebra II and Geometry concurrently in their sophomore year. Students should consult with their teacher if interested in this option.

++ See pre-requisites for electives

Grade 9, 10, 11, 12 Electives ++ Explorations in Math 1	Grade 10, 11, 12 Electives ++ Introduction to Engineering 2 AP Computer Science Principles	Senior Year Courses A. AP Calculus AB B. AP Calculus BC C. AP Statistics D. Intro to Calculus Honors E. Precalculus Honors F. Precalculus CPA G. Precalculus CPB H. Advanced Algebra CP I. Statistics & Probability CPA/H J. Advanced Algebra CP
Grade 9, 10, 11, 12 Electives ++ Introduction to Engineering 1 Introduction to Computer Science	Grade 11 & 12 Electives ++ Statistics & Probability CPA/H Explorations in Math 2	

All mathematics courses are aligned to the 2017 Massachusetts Mathematics Curriculum Frameworks and follow the suggested pathways outlined in the document. The Honors and College Prep courses are designed to prepare students for success at a four-year college or university. The Principles/Essential courses, for recommended students only, prepares them for a two-year college or career readiness.

MATHEMATICS

MISSION STATEMENT

The mission of the Mathematics Department is to provide students with an environment where they can learn to become adept problem-solvers and independent thinkers. The curriculum combines content standards and the Standards for Mathematical Practice as outlined in the MA curriculum frameworks to develop critical thinking skills that blend procedural fluency, conceptual understanding, and mathematical applications. In addition, technology is used to enhance and support mathematical reasoning. The goal of the Mathematics Department is to promote students' ability to fully appreciate the beauty of mathematics and view it as a means to understand the world around us.

CRITERIA FOR LEVELS

PRINCIPLES/ESSENTIAL COLLEGE PREP STUDENT

- Student needs assistance in developing successful study skills in one or more of the following areas: note-taking skills, class preparation, completing written assignments, and organizational skills.
- Student needs assistance understanding and communicating the mathematical ideas presented in each lesson.
- Student may need assistance in displaying work in an organized manner.
- Student employs appropriate problem solving strategies with support.

COLLEGE PREP B STUDENT

- Student is often prepared for class; preparation includes bringing book, notebook, pencil and calculator to class each day.
- Student will develop successful study skills in one or more of the following areas: note taking skills, class preparation, completing written assignments, and organizational skills.
- Student completes all written assignments (attempts every problem, checking answers and marks problems not understood).
- Student may require support to understand and communicate some of the mathematical ideas presented in each lesson.
- Student is able to manage daily homework assignments.

COLLEGE PREP A STUDENT

- Student is prepared for class. Preparation includes bringing book, notebook, pencil and calculator to class each day.
- Student is able to understand the mathematical concepts presented in each lesson and may occasionally need to stay after school for clarification.
- Student completes all written assignments (attempts every problem, checking answers and marks problems not understood).
- Student displays work in an organized manner showing adequate understanding of material.
- Student is actively engaged in the learning process.
- Student is able to manage daily homework assignments.
- Student is willing and able to seek out extra help when needed.
- Student can recognize and employ the most appropriate strategy to solve problems.
- Students are able to use technology to access, evaluate, and effectively apply information.

HONORS STUDENT

- Student is well prepared for class. Preparation includes bringing book, notebook, pencil and calculator to class each day as well as having completed the written assignments.
- Student thoroughly completes all assignments in an organized manner with attention to accuracy and proper use of mathematical language.
- Student completes all assignments and presents them in a neat, organized manner showing a good understanding of the material.
- Student is actively engaged in the learning process.
- Student expresses a strong desire to learn and understand mathematics.
- Student is willing and able to seek out extra help when needed.
- Student is an independent test-taker who plans and uses time wisely.
- Student accepts responsibility for managing a rigorous workload.
- Student is able to make connections between abstract mathematical concepts and concrete applications.
- Student can recognize and employ the most appropriate strategy to solve problems.
- Students are able to use technology to access, evaluate, and effectively apply information.

Course Number Title

096.9 ESSENTIAL COLLEGE PREP MATH 9 CP 5 Credits

In this course, students will continue to develop critical thinking skills, work cooperatively in groups, and learn to clearly communicate mathematical ideas. Students will focus on concepts in algebra and geometry as they explore and solve a wide variety of math problems using both technology and hands-on materials. This discovery approach is designed to help the student who struggles with abstract mathematical concepts. This course addresses the essentials of the Massachusetts Curriculum Frameworks and will prepare you for two-year colleges, technical training, military service and/or the work force.

Open to Grade: 9 By recommendation only

212 ALGEBRA 1 CPB 5 Credits

In this course, students will be introduced to algebraic concepts organized around families of functions. Particular emphasis will be placed on linear, quadratic, and exponential functions. Students will learn to represent each family of functions by utilizing verbal descriptions, equations, tables and graphs. Problem-solving strategies will be addressed throughout the course as students use functions to model real-world situations. Students will develop critical thinking skills, learn to work cooperatively, and learn to clearly communicate mathematical ideas. This course is fully aligned to the Massachusetts Curriculum Frameworks and contains an in-depth review of the mathematical topics addressed in the state assessment.

Open to Grades: 9, 10

In this course, students will be introduced to the algebraic concepts and skills that focus on linear, quadratic, and exponential functions. Students will learn how to represent these functions verbally, numerically, graphically and analytically. The graphing calculator will be used to demonstrate visually how functions relate to equations and graphs, and also how functions can be used to model discrete data. Problem-solving strategies will be addressed throughout the course. Real-life applications will also be presented throughout the course in order to show the usefulness of mathematics in the real world. This course is designed for the student who is proficient in basic mathematical skills and concepts, or has had some previous success with algebraic concepts and skills in grade eight. This course is also fully aligned to the Massachusetts Curriculum Frameworks.

Open to Grades: 9, 10

214 GEOMETRY**HONORS 5 Credits**

This course is primarily intended for those students who have achieved mastery of the skills and concepts of an Honors Algebra I course and can demonstrate a thorough grasp of mathematical practice and theory. Students will explore the nature of reasoning in which models found in a geometric setting are used to examine different types of thinking processes. Attention will be given to those concepts and properties, which relate to three-dimensional objects. Topics from coordinate geometry and transformational geometry will also be studied. The connection between geometry and the real world will be reinforced through mathematical applications. This course will offer students a rigorous, in-depth approach to the study of geometry and will establish important skills and understandings extensively used in later advanced mathematics courses. This course is fully aligned to the Massachusetts Curriculum Frameworks.

Open to Grades: 9, 10

Prerequisite: Entering 9th graders must have passed Math 8 Accelerated (Grade 8 Algebra 1) with at least an 88 average. Entering 10th graders must have passed Algebra 1 Honors with at least an 80 average or teacher recommendation.

234 GEOMETRY**CPA 5 Credits**

Similar in content to Geometry Honors, this course places less emphasis upon theory and more emphasis upon integrating and relating geometric concepts to algebra, statistics, data analysis, probability, and discrete mathematics. Students will explore geometric situations, develop conjectures, and ultimately prove their conjectures using a variety of methods. Realistic and relevant applications will be offered throughout this course. Topics to be studied include triangle congruence, similarity of triangles based on dilations and proportional reasoning, circumference, area, volume, Pythagorean Theorem applications, and probability. This course is fully aligned to the Massachusetts Curriculum Frameworks.

Open to Grades: 9, 10, 11

Prerequisite: Entering 9th graders must have passed Math 8 Accelerated (Grade 8 Algebra 1) with at least an 85 average, or successful completion of Algebra 1 CPA with at least a 70 average.

248 INTRODUCTION TO ENGINEERING 1**HONORS 2.5 Credits**

Introduction to Engineering 1 is a math-based, hands-on engineering course designed for high school students who would like to explore the various fields of engineering. This course follows *Engineering the Future*, a STEM (Science, Technology, Engineering and Math) curriculum created by the Boston Museum of Science. It focuses on the fundamentals of engineering and applies the math and science students are learning in their classrooms to modern real-world problems that involve civil, mechanical, and electrical engineering. It integrates engineering, mathematics, science and technology and prepares you for life in the information age.

Open to Grades: 9, 10, 11, 12

Prerequisite: Successful completion of Algebra 1 (CPA or Honors).

263 EXPLORATIONS IN MATH 1**HONORS 2.5 Credits**

In this course students will explore problems from a variety of branches of mathematics and learn the process of how to unlock the solutions, how to use pattern recognition to solve problems and learn how to think outside the box. Students will learn about logic, modular arithmetic, non-Euclidean Geometry (such as taxi-cab geometry), sets, and combinatorics. Students will work individually and in small group settings on both classic and interactive math puzzles and problems. If you enjoy mathematics, then this course may be just what you are looking for.

Open to Grades: 9, 10, 11

Prerequisite: Successful completion of Algebra 1 Honors, Algebra 1 CPA with at least an 85 average or concurrent enrollment in Geometry Honors.

255 INTRODUCTION TO COMPUTER SCIENCE**HONORS 2.5 Credits**

This course is an introductory computer science course that inspires students to utilize creativity, problem-solving, and communication skills as a framework for design challenges and programming assignments. Students will learn how to program websites, animations, games, and even music using HTML, CSS and JavaScript. Starting with simple shapes, students will progress to more sophisticated sprite-based games and animations. Using music technology, students will write their own computer code to create and remix music that is unique, design new sounds, effects, and musical structures. Students will also learn how to use the computer as a tool for developing software applications. A wide variety of practical problems will be explored in a highly interactive and collaborative computer lab setting. Previous programming is not required to take this course.

Open to Grades: 9, 10, 11, 12

OTHER COURSES

(Application required or by recommendation only)

062.1 & 062.2 ACADEMIC SKILLS WORKSHOP

UNLV

2.5 Credits

Academic Skills Workshop is designed to support students with organization, time management, academics, executive functioning, and social skills. The intent of Academic Skills Workshop is to help students improve these skills and to provide foundational knowledge of how to be successful in high school and with their post-secondary plans.

Students will:

1. set goals they wish to achieve;
2. work to achieve their individual goals and objectives;
engage in mini lessons to enhance their academic and social skills.

Open to Grade: 9, 10, 11 & 12

Access to this course is by Recommendation Only

089.1 & 089.2 ACADEMIC SKILLS WORKSHOP/FEL

UNLV

2.5 Credits

Offers support services for those students who have exited the English Learner program and have been identified as a Former English Learner. Students set academic goals, receive study skills instruction, learn test-taking strategies, organizational and time management techniques, and can receive content support on core subjects

Open to Grade: 9, 10, 11 & 12

Access to this course is by Recommendation Only

101Y STUDY SKILLS

UNLV

5 Credits

This class is designed for students with disabilities who require supportive instruction to assist them in accessing the general curriculum. Students in this class, which is taught by a highly qualified special education teacher, utilize academic support and develop strategies to learn how to use their strengths to compensate for area(s) of difficulty or challenge, to develop self-awareness, self-advocacy, organizational skills and to gain independence in managing their academic responsibilities.

Open to Grade: 9, 10, 11 & 12

Access to this course is by Recommendation Only

114 EL FOUNDATIONAL

CP

5 Credits

Offers instructional and support services for those students whose first language is not English and who have been identified as Limited English Proficient, Foundational level. These services focus on listening, speaking, reading and writing English, as well as providing support for the classroom curriculum in other subjects.

Open to Grade: 9, 10, 11 & 12

Access to this course is by Recommendation Only

115 EL TRANSITIONAL

CP

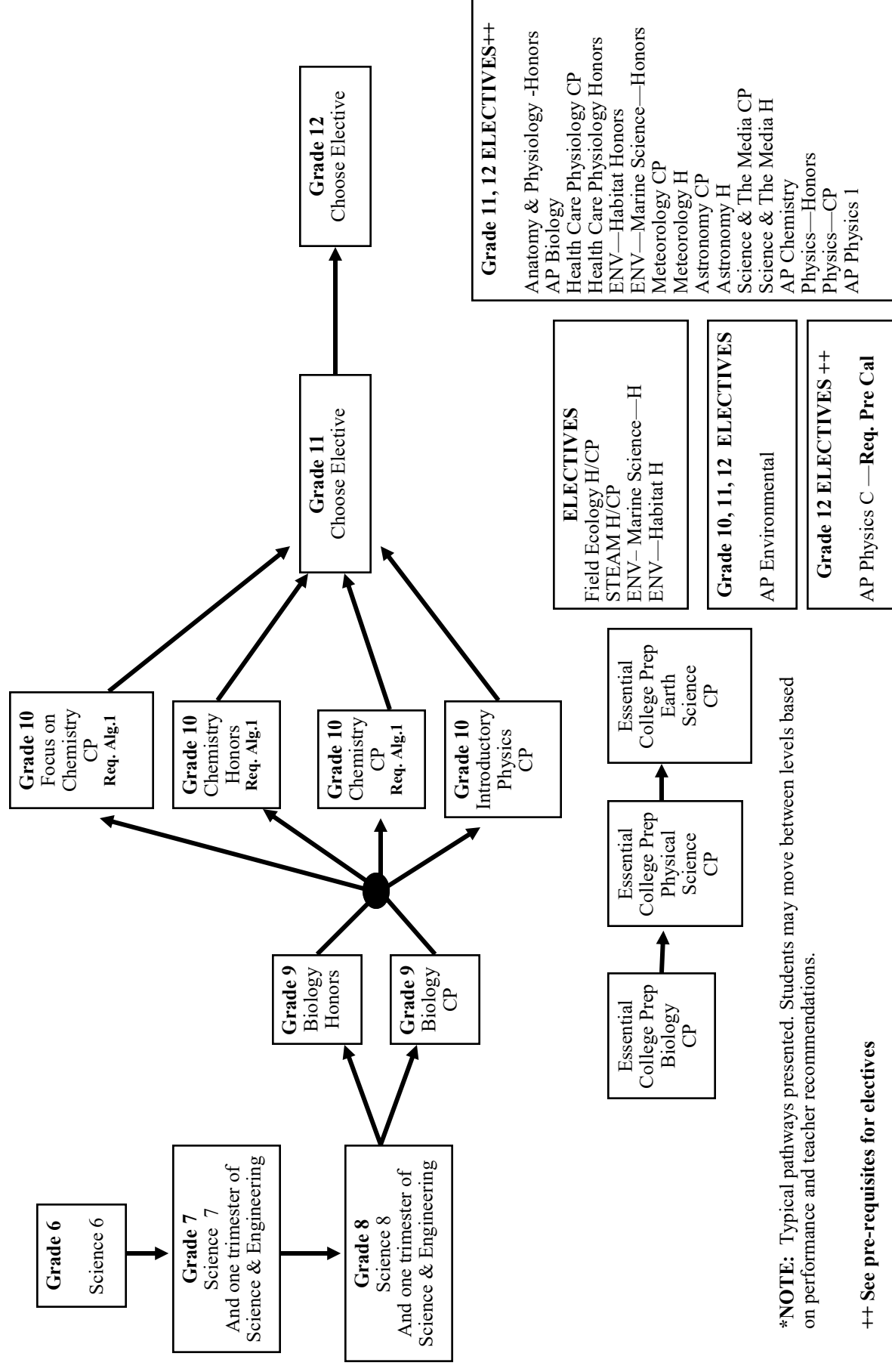
5 Credits

Offers instructional and support services for those students whose first language is not English and who have been identified as Limited English Proficient, Transitional level. These services focus on listening, speaking, reading and writing English based on SEI English class content, as well as providing support for the classroom curriculum in other subjects.

Open to Grade: 9, 10, 11 & 12

Access to this course is by Recommendation Only

SCIENCE SEQUENCE GRID



***NOTE:** Typical pathways presented. Students may move between levels based on performance and teacher recommendations.

++ See pre-requisites for electives

All science courses are aligned to the Massachusetts Science Curriculum Frameworks and follow the suggested pathways outlined in the document. The Honors and College Prep courses are designed to prepare students for success at a four-year college or university. The Principles/Essential courses, for recommended students only, prepares them for a two-year college or career readiness.

SCIENCE

MISSION STATEMENT

Science education in the Mansfield Public Schools is purposefully designed to provide engaging, relevant and rigorous curriculum instruction in order to develop the knowledge and skills necessary to produce scientifically literate and responsible citizens.

CRITERIA FOR LEVELS

PRINCIPLES/ESSENTIAL COLLEGE PREP STUDENT

- Student completes class assignments and employs successful study skills with guided support
- Student stays focused on the lesson and participates during lab investigations.
- Student exhibits appropriate behavior in class and engages in their learning.
- Student seeks assistance and asks questions when problem solving.
- Student expends the necessary effort to learn and understand the course content with guided support.

COLLEGE PREP STUDENT

- Student is prepared for class. Preparation includes bringing the proper materials and having the assigned homework complete.
- Student completes homework assignments.
- Student stays focused on the lesson and participates during lab investigations.
- Student exhibits appropriate behavior in class and especially during lab investigations.
- Student expends the necessary effort to learn and understand the course content.

HONORS STUDENT

- Student is always prepared for class. Preparation includes bringing proper materials as well as having reviewed class notes and completed the homework assignment(s).
- Student completes nightly homework assignments thoroughly and consistently.
- Student expresses a strong desire to learn and understand the material.
- Student stays focused on the lesson and takes an active role in class discussions and lab investigation.
- Student seeks extra help when needed.
- Student manages the demanding workload both in and out of class.
- Student exhibits appropriate behavior in class and especially during lab investigations.

Course
Number **Title**

302 ***BIOLOGY with Lab***

HONORS ***5 Credits***

Biology Honors is a rigorous life science course. Students engage in a detailed study of biology over two semesters including the fundamentals of biochemistry, molecular biology, ecology, genetics, evolution, and human body systems. Students should be capable of self-directed study with limited guidance. Students will be assessed on collaboration, investigative lab work, analytical thinking and their ability to draw conclusions from essential questions. Laboratory investigations are an integral part of the course and students should be advanced in the scientific method and their ability to analyze their results. Students complete extensive independent work including projects, outside readings, and virtual labs. Mandatory independent study and assignments outside of class are required. Students electing this course must be academically motivated and have a strong interest in pursuing further courses within the science curriculum. This course addresses the biology learning standards in the Life Science strand of the Massachusetts Science and Technology/Engineering Curriculum Framework and will prepare students for the MCAS in Biology. This course may include dissection; in compliance with State Board of Education policy, students may decline to participate in dissections and demonstrate competency through alternative methods.

Open to Grade: 9

Prerequisite Course: Grade 8

science Recommended Grade: 90

355 ***BIOLOGY with Lab***

CP ***5 Credits***

Biology College Prep is an in depth study of the life sciences based on the learning standards in the Life Science strand of the Massachusetts Science and Technology/Engineering Curriculum Framework and will prepare students for the MCAS in Biology. Hands-on inquiry based activities, virtual labs, and peer collaboration are important components of the course. Students should be capable of self-directed study, able to think analytically, make detailed observations and draw conclusions for essential questions. Mandatory independent study and assignments outside of class are required. Curriculum for Biology College Prep includes biochemistry, cells, ecology, genetics, evolution, and human body systems. Success in this foundational course helps prepare students to progress through future science courses such as Chemistry, Anatomy and Physiology, and Environmental Science while at MHS. This course may include dissection; in compliance with State Board of Education policy, students may decline to participate in dissections and demonstrate competency through alternative methods.

Open to Grade: 9

Prerequisite Course: Grade 8 science

080 ***ESSENTIAL COLLEGE PREP BIOLOGY***

CP ***5 Credits***

Essential College Prep Biology is a study of the life sciences based on the learning standards in the Life Science strand of the Massachusetts Science and Technology/Engineering Curriculum Framework and will prepare students for the MCAS in Biology. Curriculum for Biology College Prep includes biochemistry, cells, ecology, genetics, evolution, and human body systems. This course will prepare students for two-year colleges, technical training, military service and/or the work force. This course may include dissection; in compliance with State Board of Education policy, students may decline to participate in dissections and demonstrate competency through alternative methods.

Open to Grade: 9, *By recommendation only*

324 ENVIRONMENTAL ISSUES with Lab: Habitat and Species HONORS 2.5 Credits

This science class has a research lab component. Students spend a semester studying some of the most pressing threats to Earth's wildlife due to human actions and climate change. Unites covered include endangered species, zoonotic diseases, invasive species, the animal-black-market trade, animals in captivity and the disappearance of the honey bee. The design of the course allows for student-led research and focus on the history of the issues, the current status and the future predictions for the animals and habitats of the world. Primary focus is on preservation, conservation and restoration. Each unit of study incorporates group projects where students will be responsible for planning, researching and creating detailed final products which they will share with their classmates. This class is best suited for independent and motivated learners that can handle long-term projects in a group dynamic. Time is expected outside of class to complete the projects.

Open to Grades: 9, 10, 11, 12

Prerequisites: Concurrent enrollment in Honors Biology or successful completion of CP Biology

Recommended Grade: College Prep Biology: minimum grade of 80

325 ENVIRONMENTAL ISSUES with Lab: Marine Science HONORS 2.5 Credits

This semester elective in environmental issues is taught at the honors level and focuses on the current status and health of the Earth's oceans and the life within it. The nature of this class emphasizes student research, group collaboration and the project- based model to expose students to ocean processes as they relate to climate change. Taught as a current issues research course, this elective will cover topics such as coral bleaching, melting sea ice, mega storms, over-fishing, whaling, the great garbage patch, coastal flooding, beach erosion, sea turtles and more. This class is best suited for independent and motivated learners that can handle long-term projects in a group dynamic. Time is expected outside of class to complete the projects.

Open to Grades: 9, 10, 11, 12

Prerequisites: Concurrent enrollment in Honors Biology or successful completion of CP Biology

Recommended Grade: College Prep Biology: minimum grade of 80

353	<i>FIELD ECOLOGY with Lab</i>	<i>HONORS</i>	<i>2.5 Credits</i>
354	<i>FIELD ECOLOGY with Lab</i>	<i>CP</i>	<i>2.5 Credits</i>

Applied Biological Concepts is a project-based course focusing on the practical uses of basic biological information with an emphasis on Ecology. Students will utilize the science and engineering practices from the Massachusetts Science Technology and Engineering Curriculum Framework. By studying how hypotheses are developed, experiments are designed, and analytical methods are employed, students will develop critical thinking skills that are not only relevant to science, but also to being an engaged citizen within their own community as well as the world. In this project-based class, students will work within peer groups on a variety of field-based projects. A major emphasis is placed on local watersheds, stream ecology, and population ecology. Given the nature of the research, students may get dirty or wet within the class and school community. This course allows students the opportunity to participate in real-world science applications while providing a foundation for potential future studies in the sciences. Students taking this course are expected to attend 2-3 out of school/off site field trips throughout the semester with the purpose of completing field work and data collection.

Open to Grades: 9, 10, 11, 12

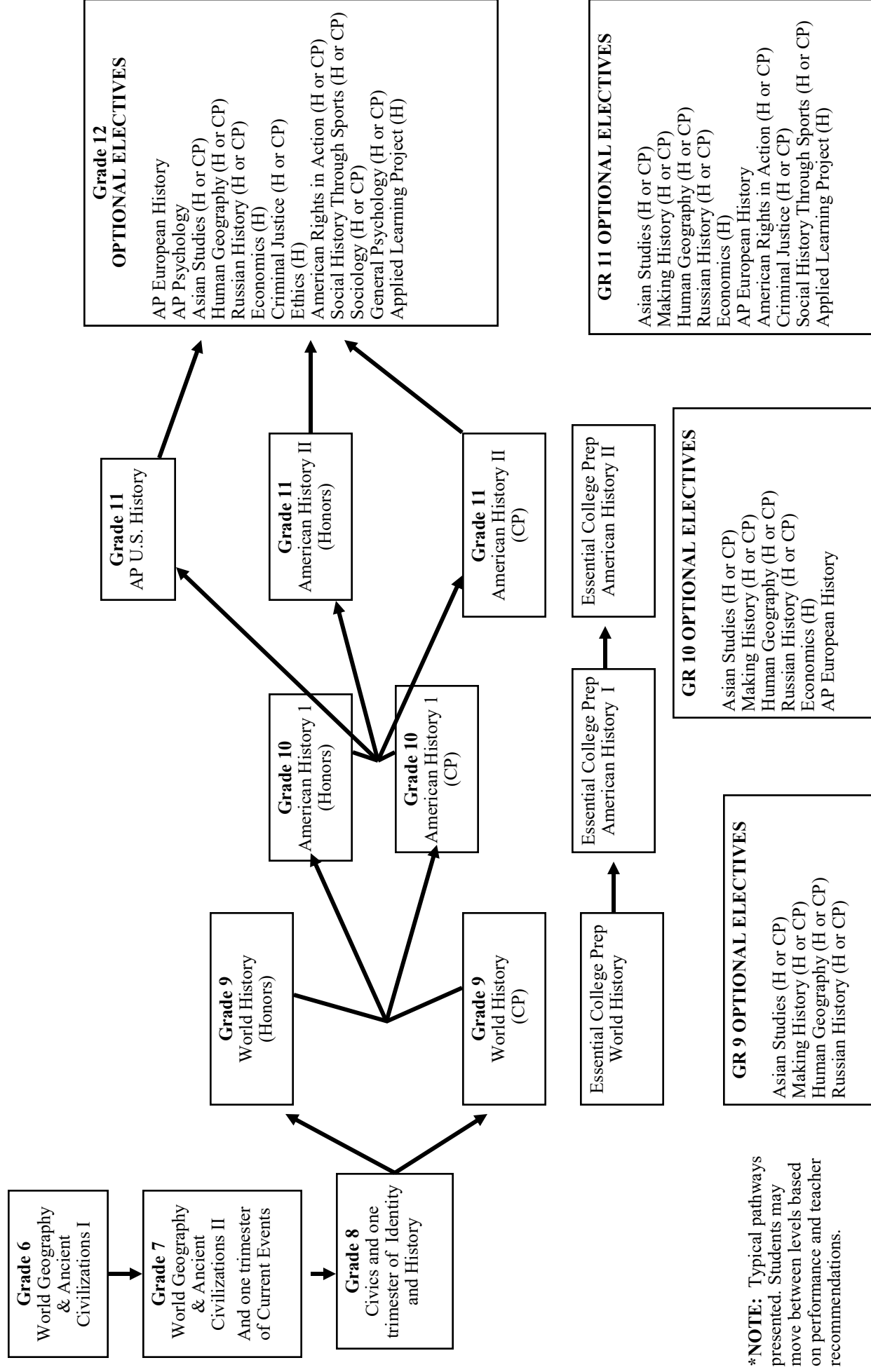
348 *STEAM with Lab*
349 *STEAM with Lab*

HONORS 2.5 Credits
CP 2.5 Credits

This offering is inspired by recent nationwide attention on science, technology, engineering and math education. Students selecting this course must be self-motivated, creative and interested in problem solving where there can be more than one solution. Grading in this course is entirely dependent on the process rather than the outcome. At the completion of projects, students will reflect upon and share the math, science, and technology connections to other subject areas, previous projects, and the world outside the classroom. Student participation is a major requirement for successful completion of group projects as well as successful learning and understanding course content.

Open to Grades: 9, 10, 11, 12

SOCIAL STUDIES SEQUENCE GRID



All social studies courses are aligned to the Massachusetts Social Studies Curriculum Frameworks and follow the suggested pathways outlined in the document. The Honors and College Prep courses are designed to prepare students for success at a four-year college or university. The Foundations/Essential courses, for recommended students only, prepares them for a two-year college or career readiness.

SOCIAL STUDIES

MISSION STATEMENT

The mission of the Social Studies Department is to prepare students to be informed, engaged, and tolerant citizens through an integrated study of history and social sciences. Our program gives opportunities for students to enhance their reading, writing, and critical thinking skills. These skills include but are not limited to inquiry processes, analysis, collaboration, and decision-making. The knowledge and skills they acquire will prepare students to make informed decisions as citizens of a culturally diverse, democratic society, and interdependent world.

CRITERIA FOR LEVELS

FOUNDATIONS/ESSENTIAL COLLEGE PREP STUDENT

Foundations/Essential College preparatory students demonstrate the ability to complete the following tasks:

- Comprehend and synthesize textbook and class readings with guided support
- Comprehend cause and effect relationships with guided support
- Write a multi-paragraph essay using evidence with guided support
- Engage in meaningful class discussion
- Develop note-taking and organizational skills with guided support

COLLEGE PREP STUDENT

College preparatory students demonstrate the ability to complete the following tasks:

- Comprehend and synthesize textbook and class readings
- Answer fact-oriented questions with little prompting
- Identify major cause and effect relationships among events in history
- Write a multi-paragraph essay with correct usage of supporting evidence
- Engage meaningfully in class discussion
- Come to class regularly with necessary supplies and completed homework
- Maintain an organized notebook
- Seek teacher support when necessary

HONORS STUDENT

Honors students demonstrate the ability to complete the following tasks:

- Understand key content without significant external prompting
- Read and comprehend material that is appropriate or slightly above grade level
- Logically defend a given position in debate or in writing by applying relevant supporting evidence
- Understand class content that is conceptual in nature, and not necessarily chronological
- Differentiate between types of historical sources and identify biases contained in those sources
- Write a short paper organized around a thesis statement
- Seek teacher support when necessary

In addition Honors students demonstrate the following characteristics:

- A genuine enthusiasm and interest for the subject
- Self-discipline and organization

<u>Course Number</u>	<u>Title</u>		
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081	ESSENTIAL COLLEGE PREP WORLD HISTORY	CP	5 Credits
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In this course students will investigate world history thematically by examining the impact of science and technology, the “Have’s and Have Not’s”, and the uses and abuses of power. Specific topics include monotheistic and polytheistic religions (Judaism, Hinduism, Buddhism, Christianity and Islam), the agricultural and industrial revolutions, the French Revolution, imperialism, the World Wars, the rise of dictatorships, and the Holocaust. Student will explore case studies on Europe, Africa, India, China, and the Middle East. Students can also expect to refine and improve writing and research skills. This course addresses the essentials of the Massachusetts Social Studies Curriculum Frameworks and will prepare students for two-year colleges, technical training, military service, and/or the work force.

Open to Grade: 9, *By recommendation only*

108	WORLD HISTORY Honors	HONORS	5 Credits
109	WORLD HISTORY CP	CP	5 Credits

In this course students will investigate world history thematically by examining the impact of science and technology, the “Have’s and Have Not’s”, and the uses and abuses of power. Specific topics include monotheistic and polytheistic religions (Judaism, Hinduism, Buddhism, Christianity and Islam), the agricultural and industrial revolutions, the French Revolution, imperialism, the World Wars, the rise of dictatorships, and the Holocaust. Student will explore case studies on Europe, Africa, India, China, and the Middle East. Learning strategies based on performance objectives stress the development of critical thinking skills and the clarification of values important to a democratic society. Students can also expect to refine and improve writing and research skills. Substantive outside class reading and writing will be required at the honors level, and regular class reading and writing will be required in the college prep level.

Open to Grade: 9

Recommendation: Students recommended for the honors level should be earning at least a 90 in 8th Grade Social Studies and demonstrate exceptional reading, writing, and critical thinking skills.

119	ASIAN STUDIES	HONORS	2.5 Credits
120	ASIAN STUDIES	CP	2.5 Credits

This course will examine different themes impacting Asia. Some of the topics that will be examined, though not limited to, are Asian philosophy and religion, gender studies, important historical events in Chinese history, and current events. Throughout this course, students will work on improving their critical thinking, reading, and writing skills. Honors level students will be expected to complete an additional research project on a topic of their choosing.

Open to Grades: 9, 10, 11, 12

122	<i>MAKING HISTORY</i>	<i>HONORS</i>	<i>2.5 Credits</i>
121	<i>MAKING HISTORY</i>	<i>CP</i>	<i>2.5 Credits</i>

This course will help students learn how to effectively research and to think like a historian. Using inquiry based learning, students explore historical topics that cater to their own interests and curiosity. Through using the National History Day Program, every student who takes this course will develop a project using one of the following mediums: historical essay, documentary, performance piece, website, or exhibit. Unlike other classes where students develop projects and then move on, this class will focus on improving their product and taking ownership of it. Not only will students have the opportunity to create a product to demonstrate their growth and knowledge in their selected field, students will also have the opportunity to compete against other student projects at Mansfield High School, across the state and possibly at a National level. Students will also gain many valuable skills that will be applicable beyond their high school career, as this course will focus on developing their interview skills, critical thinking, creative thinking, and discipline and time management. Students who wish to take this course at the honors level will have additional requirements.

Open to Grades: 9, 10, 11

130	<i>HUMAN GEOGRAPHY</i>	<i>HONORS</i>	<i>2.5 Credits</i>
131	<i>HUMAN GEOGRAPHY</i>	<i>CP</i>	<i>2.5 Credits</i>

Students will learn about problems from around the world and how they are impacted by physical, economic, cultural, political, and urban geography. Case studies from around the world on population growth, migration, technological developments, territorial disputes, gender equality, the demands of ethnic minorities, and the role of climate change and environmental abuse will allow students to develop a greater understanding of how geography shapes human environment relationships.

Open to Grades: 9, 10, 11, 12

132	<i>RUSSIAN HISTORY</i>	<i>HONORS</i>	<i>2.5 Credits</i>
133	<i>RUSSIAN HISTORY</i>	<i>CP</i>	<i>2.5 Credits</i>

Students will examine the history of Russia from its early beginnings through present times. Topics will include the impact of geography on Russia and Central Asia; The culture, religions, literature, and music of Russia; Imperial Russia under Peter and Catherine the Great; and the Soviet State and Modern Russia. Honors students will be expected to complete additional reading and research.

Open to Grades: 9, 10, 11, 12

SPECIAL EDUCATION PROGRAMS

MISSION STATEMENT

The Special Education Department at Mansfield High School is committed to preparing all students to be career- and/or college-ready, by providing them with opportunities to participate in a high quality education in the Least Restrictive Educational Environment, by supporting them to meet their individual goals, and by allowing them to access the curriculum through a variety of entry points designed to meet individual needs. We will promote the learning and growth of all students through instructional practices that establish high expectations, create a safe and effective classroom environment, and meet a broad range of learning needs.

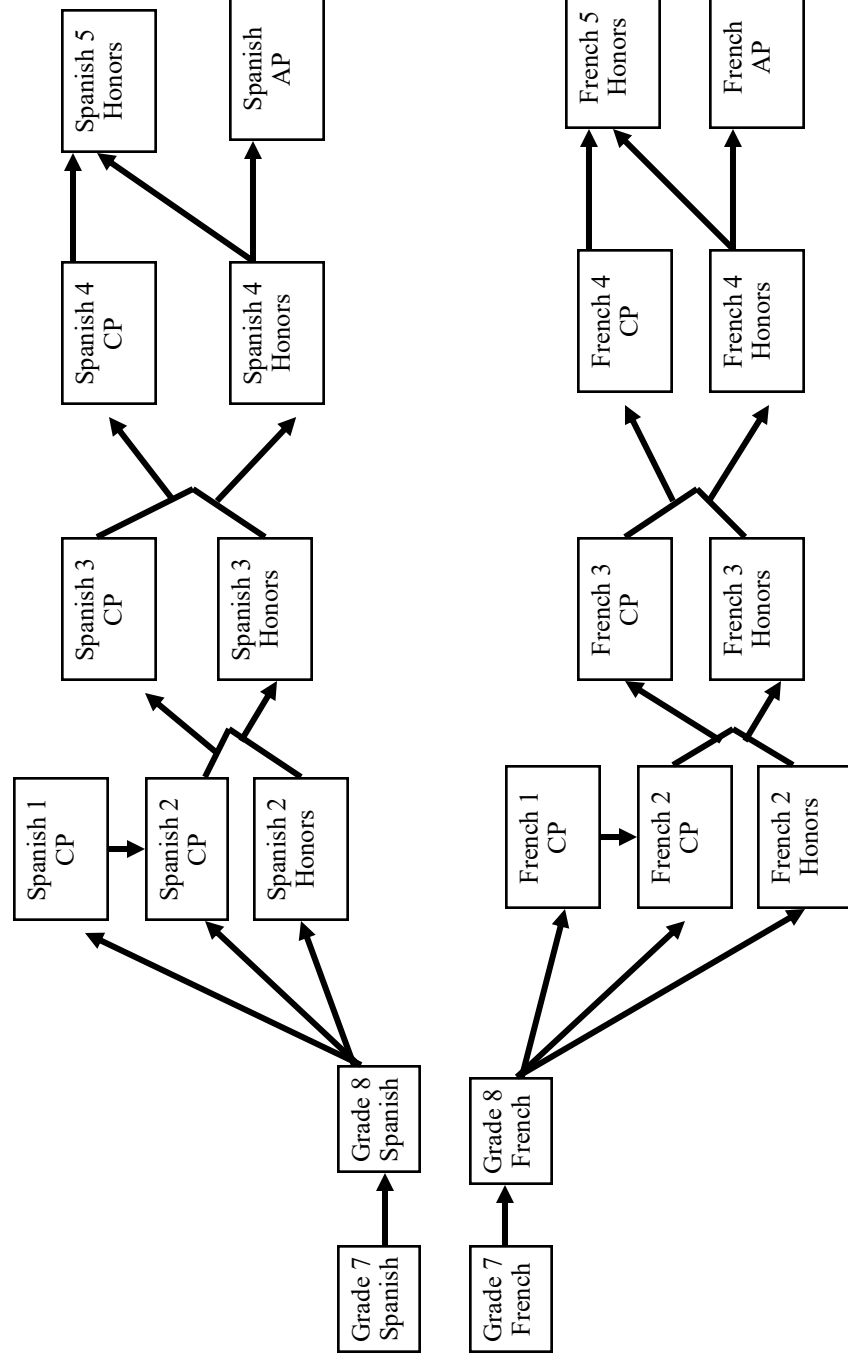
Program: **Steps**

Open to Grades: 9, 10, 11, 12

This substantially separate program, which is taught by a highly qualified special education teacher, serves students with complex special needs (including but not limited to: medical, cognitive, learning) that impedes their progress in basic and functional areas, and who are functioning significantly below grade level. This program provides academic instruction as well as assistance in the development of functional skills and in the areas of self-help, Adaptive Daily Living (ADL) skills, social interactions, and communication. Inclusion opportunities and job exploratory experiences are an integral part of students' education to assist in the development of independence. Students participate in the MCAS with accommodations or the MCAS Alternative Assessment. Students in this program will earn a high school diploma or Certificate of Attendance and remain in school until age 22. Other students may earn a high school diploma. Many of these students participate in an Extended School Year program to prevent regression of previously learned skills.

Program descriptions can be altered at anytime, given the needs of the students. The progress of all students with disabilities is carefully monitored. As students gain skill and demonstrate success, their Individual Educational Programs are adjusted accordingly. Instruction in the least restrictive educational setting in which the student makes effective progress is the ultimate goal. In the case where a student is not making effective progress within a particular program and/or delivery of a service, the team will reconvene to discuss program options and/or re-evaluate the student's skills and needs.

WORLD LANGUAGE SEQUENCE GRID



GRADE 11 & 12 ELECTIVES

World Language Practicum—Honors
Hispanic Culture Through Film—CP/H
Portuguese Culture —CP/H

***NOTE:** Typical pathways presented. Students may move between levels based on performance and teacher recommendations.

WORLD LANGUAGES

MISSION STATEMENT

Mansfield High School's World Languages Program builds global citizens through the study of languages and cultures from a variety of countries. We believe that World Language acquisition challenges stereotypes and builds appreciation for diversity in our society and abroad. World Language study provides a platform upon which students can effectively communicate and collaborate, while fostering respect for the values and traditions of others. Interdisciplinary in nature, World Language study builds students' understanding of their own culture and history with respect to its influence on the world around them.

CRITERIA FOR LEVELS

COLLEGE PREP STUDENT

- Student is prepared to learn: materials are brought to class; student is rested and ready to concentrate on acquiring new material, every day.
- Student concentrate on language being learned, and attempts to use it in class.
- Student puts in time outside of class to read, and to do activities to speed up their language acquisition.
- Student keeps a notebook, to record and strengthen their acquisition of new language.
- Student behavior is focused on respectful learning and productivity.

HONORS STUDENT

- Student is prepared for class. Preparation includes bringing the proper materials as well as having reviewed class notes and completed the written homework.
- Student takes an active role in class, volunteering answers as well as responding to direct questions.
- Student is willing to take risks in the language, even if they are not sure of having the "right" answer.
- Student seeks out opportunities to experiment with the language, finding materials on line or listening to target language music, seeing films in the target language.
- Student tries to perfect their accent even if they may appear "silly" to others.
- Student is able to work independently and budget their time in order to complete longer projects.

Course

Number Title

413 FRENCH I

CP

5 Credits

Students can expect a beginning course in French language acquisition stressing the basic skills of listening, speaking, reading, and writing. The student acquires listening and speaking skills through in-class activities and the language laboratory. A variety of sources introduce the student to the culture and the customs of the French speaking world. Oral presentations and role-playing are a major component of this course.

Open to Grades: 9, 10, 11

422 FRENCH 2**CP****5 Credits**

As a continuation from French 1, students in French 2 acquire the basics of French language structure. Students continue to practice expressing themselves in the present tense, but also learn to tell and/or write a narrative in the past using a variety of past tenses. They can also speak of future or hypothetical events. Oral work is stressed, but a written component begins to take shape. This course offers students a glimpse into the breadth and scope of the diverse culture of the French-speaking world.

Open to Grades: 9, 10, 11, 12

Prerequisite: Successful completion of French 1 CP.

Recommendation: 75+(C) average in French 1CP. Those students who passed Fr 1 at QMS with an average below 74 are encouraged to repeat French 1 in order to improve their proficiency level and opportunity for success in French 2.

423 FRENCH 2**HONORS****5 Credits**

Students can expect a course that includes the same objectives as French 2 College Prep, i.e. acquiring a solid grammatical base. Students have more opportunity to experiment with speaking and writing French in increasingly less structured activities. Additionally, they begin to streamline their language usage by learning to express themselves naturally by using pronouns. Reading materials, other than the text, are used to increase comprehension and vocabulary. An appreciation of the culture and customs of the French speaking people is cultivated.

Open to Grades: 9, 10, 11, 12

Prerequisite: Successful completion of French 1.

Recommendation: Recommended for those students who have successfully completed French 1 in the Middle School with a 90

+ average or who earned a 92+ (A-) average in French 1 CP at the high school.

416 SPANISH 1**CP****5 Credits**

Students can expect a beginning course in Spanish that introduces the basic skills of listening, speaking, reading, and writing. Emphasis on the aural/oral skills is encouraged, in addition to stressing the basic grammatical patterns of the language. The student acquires these skills by use of the language laboratory and in-class activities. A variety of sources introduce the student to the culture and civilization of the Spanish speaking world. Oral presentations and role-playing are also a major component of the course.

Open to Grades: 9, 10, 11

425 SPANISH 2**CP****5 Credits**

This second year course enables the student to gain a more thorough knowledge of the language. The student acquires more use of Spanish through the creation and presentation of dialogues. This course increases the student's power to read, speak, write, and comprehend Spanish while cultivating a deeper interest in the Spanish speaking countries, their customs, and their literature.

Open to Grades: 9, 10, 11, 12

Prerequisite: Successful completion of Spanish 1 CP.

Recommendation: 75+(C) average in Spanish 1CP. Those students who passed Spanish 1 at QMS with an average below 74 are encouraged to repeat Spanish 1 to improve their proficiency level and opportunity for success in Spanish 2.

This second year course conducted in Spanish enables students to become more proficient in reading, writing, speaking, and listening. Students will also learn more about Hispanic culture and acquire more ready use of Spanish through the creation and presentation of dialogues. Honors students are expected to be self-directed, seeking out opportunities to experiment with the language on-line, or with music and films.

Open to Grades: 9, 10, 11, 12

Prerequisite: Successful completion of Spanish 1.

Recommendation: Recommended for those students who have successfully completed Spanish 1 in the Middle School with a 90 + average or who earned a 92+ (A-) average in Spanish 1 CP at the high school.

Grade 9

Block	Semester 1 (90 days)	Semester 2 (90 days)
1	English 9	English 9
2	Math	Math
3	Biology	Biology
4	World History	World History
5	World Language/Elective	World Language/Elective
6	Intro to Wellness	Elective
7	Elective	Elective

Grade 10

Block	Semester 1 (90 days)	Semester 2 (90 days)
1	English 10	English 10
2	Math	Math
3	Science	Science
4	Am. History I	Am. History I
5	World Language/Elective	World Language/Elective
6	Introduction to Fitness	Elective
7	Elective	Elective

Grade 11

Block	Semester 1 (90 days)	Semester 2 (90 days)
1	English 11	English 11
2	Math	Math
3	Science	Science
4	Am. History II	Am. History II
5	World Language/Elective	World Language/Elective
6	Health Dynamics	Elective
7	Elective	Elective

Grade 12

Block	Semester 1 (90 days)	Semester 2 (90 days)
1	English 12	English 12
2	Academic Course	Academic Course
3	Academic Course	Academic Course
4	Academic Course	Physical Education
5	Elective	Elective
6	Elective	Elective
7	Elective	Elective