2018-19 COURSE CATALOG

LAPEER COMMUNITY SCHOOLS
Home of the Lightning

ROLLAND-WARNER 6-7 CAMPUS
ZEMMER 8-9 CAMPUS
LAPEER HIGH SCHOOL

Notice of Nondiscrimination Policy

It is the policy of the Lapeer Community Schools that no person shall, on the basis of race, color, national origin, sex or handicap, be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment.

LAPEER
EARLY COLLEGE

Don't break the bank for college.

Ask your counselor if LEC is right for you!

LapeerSchools.org

One Lapeer – Four Campuses

Four unique campuses with one mission: enriching and extending your child's educational experience in a personalized, meaningful, and relevant way.

We take ONE firm approach to meeting the diverse needs of each student across four campuses – and that is to serve as the premier district of CHOICES for students and families in meeting their academic goals.

This course description guide provides students and parents with the detailed descriptions of our courses, as well as a description and overview of the four campuses that make up our designed 6-12 system.

The Rolland-Warner Campus (6-7) will provide a safe yet rigorous transition for your child as he/she leaves the elementary experience. A balance of rigor and support awaits, including opportunities to take 7th grade work as a 6th grade student and begin completion of the high school world language requirement. Additionally, instructional support will be provided to ensure that the basics of reading and fundamental math are in place. Music, art and other elective options are available, as well as a high quality fitness program, as your child begins his/her lifelong approach to healthy living and athletic opportunities.

The Zemmer Campus (8-9) provides the perfect transition from middle school to high school, and has a high school feel when it comes to curriculum and instruction, but also a middle school feel when it comes to knowing each and every child. Similar to the 6-7 experience, students can stretch into multiple high school courses as an 8th grade student, including biology, 9th grade English and Spanish. Fine arts and athletics provide great opportunities to grow as a leader and individual. In 9th grade, full access to the high school curriculum and participation in sports blend seamlessly – as 9th grade students begin to transition to the high school campus.

At 10th grade, students then enter **Lapeer High School and the Center for Innovation at the West Campus**. High rigor, virtual learning, Advanced Placement, and dual enrollment (including coursework from the University of Michigan-Flint, Eastern Michigan University, Baker College, and Mott Community College) are all options for students as they continue their high school journey while preparing for the 13th year transition to college and the world of work.

Across all four campuses, LCS is consistent in providing a rigorous and relevant curriculum to all students at each campus and grade.

Rolland-Warner 6-7 Campus & Zemmer 8-9 Campus Programming

Goals for our sixth through ninth grade students in our middle school programs support research about best practices for adolescent learners and school programming. Goals for development include:

- Foster a climate of trusting and respectful relationships among students, teachers, administrators, parents, and community members.
- Implement a standards-based curriculum grounded in our district mission, using research-based, relevant instructional methods and assessments that prepare all students to achieve.

- Provide a collaborative, empowering culture that supports shared decision-making, problem solving, and governance in response to consensus-driven student performance goals and targets.
- Sustain an educational staff that are expert at teaching adolescents and early teens, and provide ongoing staff development to ensure that teachers build the understandings, knowledge, and skills to assist all students to achieve at high levels.

Based on the mission and goals of the middle years program, the following key components will be a part of the Lapeer Community Schools 6-7 and 8-9 campuses program:

I-Connect/Intervention/SAT Strategy Application/Silent Sustained Reading: Secondary students will participate in I-Connect sessions five days a week. The focus of I-Connect is to provide supplementary support to all students in the area of close and critical reading across content and applying SAT strategies. During this time, students needing additional academic or behavioral support will have access to his/her teacher in small groups or individually and the remainder of the student body will spend time in independent reading of a book/text of their choice.

Opportunities for Advancement: We believe that all students excel in different areas, and we would like to recognize these unique strengths by allowing all students to participate in advancement in one or more areas. Areas available for advancement include our Project Lead the Way advanced science program, advancement in math curriculum, and our Pre-AP Springboard English Language Arts curriculum.

Special Education Programming: Special education teachers provide services through a combination of flexible service delivery models such as co-teaching, resource room, learning center, and/or consulting services, in accordance with each student's Individualized Education Plan. Special education students have the opportunity to choose from the same exploratory options as their peers.

Exploratory/Enrichment/Intervention Programming: A wide range of exploratory, enrichment, and intervention opportunities are available for students at all these levels. These options include some required components at each grade level, but also allow for some individual input based on interest and need. Students needing extra support in reading and/or mathematics may have an opportunity to be placed in an intervention class instead of an exploratory class.

Year-Round Middle School Program, grades 6-8

Our year-round middle school program follows the balanced calendar, i.e. school in August, but four weeklong breaks throughout the rest of the school year. In the month of August, all year-round 6-8 students attend school at the Rolland-Warner Campus. They participate in their four core classes (ELA, math, science, & social studies) and two hours of special enrichment programming targeted to their interests. When the rest of the student body joins them in September, they begin their regular exploratory programming alongside the traditional students. Most options for coursework and extra-curricular activities are available to year-round students, but students may have to attend practices or contests during their weeklong breaks in certain instances. Opportunities and resources listed above (I-Connect, Intervention, Advancement, etc.) will be available to year-round students as well.

*The program uses a lottery to fill seats, so getting the application in on time is extremely important.

Lapeer High School

Tenth through twelfth grade students in attendance at Lapeer High School are provided with a wide array of opportunities to develop their areas of strength. Within the academic realm, students are guided through a challenging curriculum that is designed to meet the needs of each individual student. Opportunities abound for students to earn college credit through Advanced Placement courses, College on Campus programs and vocational programming. Beyond meeting the needs of the Michigan Merit Curriculum graduation requirements, students will be able to select from a variety of programs within the arts, business and industrial arts to prepare for their future. With a continued focus on the incorporation of technology into the curriculum, students graduating from LHS will be prepared for the demands of the 21st century.

Outside of the class setting, opportunities abound for students to make a connection with both peers and staff through our comprehensive athletic and club programs. Within these programs, students are able to further pursue individual interests in preparation for their future. The success and needs of each student at Lapeer High School is important to our staff and serves to guide our practices and program offerings.

I-Connect: Secondary students will participate in I-Connect sessions five days a week. The focus of I-Connect is to provide supplementary support to all students in the area of close and critical reading across content and applying SAT strategies. During this time, students needing additional academic or behavioral support will have access to his/her teacher in small groups or individually and the remainder of the student body will spend time in independent reading of a book/text of their choice.

The Lapeer Center for Innovation at the West Campus (CFI)

The Lapeer CFI serves students in grades 6-12 and houses many innovative and unique programs designed to challenge our students and stretch their academic potential. The central purpose of the CFI is to innovate, challenge educational norms, and ultimately to equip our students for success in the demanding and competitive 21st century global marketplace.

Programs offered at the CFI include:

- STEM (Science, Technology, Engineering, and Mathematics) Magnet Program featuring Project Lead the Way curriculum
- L12 Senior Capstone course
- Lapeer Virtual (LV)
- College on Campus Programs in partnership with UM Flint and Baker College
- Alternative Education Program

WHY CFI?

The global economy of the future is evolving at a rapid pace. To be competitive as they grow and mature, students need to take opportunities to challenge themselves and stretch their individual capacities to gain advantages in higher education as well as the world of work. It is our expectation that students in Lapeer all earn college credit and/or engage in real-world work experiences while still

enrolled in high school. The CFI builds upon already existing opportunities in Lapeer Schools by bringing the college campus and the global marketplace to our very own schools.

Lapeer Virtual (LV)

What is virtual schooling?

Students in grades K-12 can enroll as a full-time student in Lapeer Community Schools and receive their courses through online providers or with a blended schedule that includes both traditional and online courses. Virtual learning provides a student with a flexible schedule in terms of when and where learning takes place. Typically, courses are delivered via the Web, so students can work anytime and anywhere they have internet access. The district provides a computer and broadband internet access, if needed.

Who can enroll?

Students in grades K-12 (and under 20 years old on September 1st) and residing in Lapeer, Oakland, Genesee, Tuscola, Sanilac, St. Clair and Macomb counties can enroll as full-time virtual students.
Homeschool and Other Non-Public School Students may enroll in the district for non-essential courses.

Each course has a "teacher on the other end" – a content expert to assist the students. The district provides a local mentor – a teacher that supports the student. Students must maintain consistent participation and progress, and have regular communication with their mentor and teachers.

Students taking virtual classes through LV may participate in extracurricular activities (according to rules or policies associated with the activities). LV juniors take the SAT test as part of the Michigan Merit Exam (MME). Upon graduation, students earn a Lapeer Community Schools diploma. The district provides a "learning center" with a computer lab and study area. Students who meet the seat-time waiver requirements must also participate in state and local achievement testing.

The district provides an academic advising orientation regarding program policies, guidelines, and online content. LV offers a comprehensive virtual course catalog, including core subjects as well as a wide variety of electives. Families interested in taking virtual classes may use the LV link to view classes as well as online curriculum vendors. During the registration process, families will meet with an academic advising team to ensure appropriate vendors and classes are selected to meet the learning style and educational needs for their students. The district reviews transcripts/records of work, develops a schedule of courses, and provides tuition free curriculum (up to 12 courses per year).

*For more information visit the webpage: http://cfi-west.lapeerschools.org/home

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Registration Information

1. Before entering high school, students should choose a career pathway and a post secondary education goal (See section “Career Planning” on page 84 for more detailed information.)

2. Next, students working with their parents should design a six-year plan of study (Educational Development Plan found on page 93) to be taken during high school and beyond. This should include courses to meet graduation requirements, career pathway guidelines, and special interests and needs.

3. Before choosing courses, students should carefully read the section entitled “Course Offerings” (page 13). Questions about the courses should be addressed to the counselors or teachers.

4. All students will be required to enroll in six classes for two semesters each year. Students may also have the opportunity to take a 7th class.

5. In order to provide greater educational opportunities for all Lapeer Community School students, the district will offer courses at all four campuses. Transportation will be provided by the district between buildings.

6. Courses described in this booklet are offered based upon sufficient student demand and teacher availability as determined by administration.

7. Students in grades 9-12 may enroll in college courses at a nearby college each semester if they meet the qualifications and conditions.

8. Students interested in special programs including academic exceptions, dual enrollment, online learning, personal curriculum and independent study should contact their counselor.

9. Students should select their classes carefully. They are expected to remain in their classes until completion. An open period of drop and add will occur at the beginning of each semester, not to exceed one week.

Graduation Requirements

To qualify for graduation from Lapeer Community Schools, students must successfully complete the following requirements and conditions that have been established by the Board of Education and Administration. Students need to be aware of the relationship between academic performance and membership in a particular graduating class.

- **MME** – Complete all portions of the Michigan Merit Exam (MME). This assessment includes a college reportable SAT score, the ACT Work Keys Assessment and an online M-Step test in Science and Social Studies.
- **ATTENDANCE -** A student must complete four years of high school attendance. Students must also meet the attendance requirements in order to earn credit in any course.
- **STUDENT SUBJECT SCHEDULE -** A student must be enrolled in a full schedule of classes each semester. A full schedule consists of six classes. Exceptions to this policy are made for 5th year students needing less than one semester of credit in order to meet the graduation requirements for their class. These students are allowed to be scheduled for the number of credits needed for graduation without applying for an academic exception.
- **5.0 GRADING SCALE: AP and dual enrollment receiving high school & college credit or high school credit only** – Lapeer High School recognizes the advanced rigor involved in completing some of the courses offered. Those courses that have been deemed college equivalent have been placed on the 5.0 GPA scale and are marked as such in this catalog. All students enrolled in these classes will have their GPA calculated using the following scale.

Grade	GPA
A	5.0
A-	4.667
B+	4.333
B	4.0
B-	3.667
C+	3.333
C	3.0
C-	2.667
D+	1.333
D	1.0
D-	0.667
F	0.0

- **TOTAL CREDITS REQUIRED -** One credit will be awarded for each successfully completed class each term. Following are the Board of Education graduation requirements for each class:

Graduation Class	MMC Credits for Graduation	Total Possible
2019+	45	48

Lapeer Community Schools recognizes that students striving to reach their maximum potential may be allowed to design unique, flexible, comprehensive programs of study which meet their needs. Exceptions to the Lapeer Community Schools graduation requirements that may still lead to earning a Lapeer Community Schools diploma are considered through the Academic Exception process. This includes students seeking to modify the four-year attendance requirement in order to graduate early. Students interested in completing academic exceptions should contact their counselor.

Graduation Requirements

Departmental Requirements
Students must fulfill all department requirements listed below for graduation.

English	4 years ❑ English 9 ❑ English 10 ❑ English 11 ❑ English 12	
Math	4 years and must include: ❑ Algebra I ❑ Geometry ❑ Algebra II ❑ Two (2) additional math or math related credits must be earned – at least one (1) of which must be completed during the senior/final year of high school.	
Science	3 years and must include: ❑ Biology ❑ Chemistry or Physics ❑ Additional year of science credit must be earned during high school	Begin with Class of 2022: ❑ Biology ❑ Chemistry ❑ Physics
Social Studies	3 years must include: ❑ World History ❑ Civics/Economics ❑ US History	
PE/Health	❑ (1) credit Physical Education (PE) ❑ (1) credit Health	
World Language	2 years ❑ 2 years of the same World Language	
Visual, Performing, Applied Arts	1 year ❑ Courses meeting this requirement are designated in course descriptions.	
Online Learning Experience	❑ This experience will be required for all Lapeer Community Schools students during their senior year English experience.	

Graduation Requirements

State Graduation Requirement	Additional Lapeer Courses Meeting State Requirements with Different Course Titles
Biology	Life Science, PLTW – Principles of the Biomedical Sciences, AP Biology
Chemistry	Forensic Chemistry, AP Chemistry
English 9	Springboard English 9
English 10	Springboard English 10
English 11	Springboard English 11, *AP English Language & Composition, AP Seminar
English 12	*AP English Literature & Composition, AP Research
Physical Education	All Physical Education classes 9 – 12
Physics	Forensic Physics, Conceptual Physics, PLTW – Principles of Engineering, AP Physics
World History	*AP World History

*This course is used to meet MMC requirement. Successful completion of both semesters is required to fulfill MMC requirement in content area.

Courses Meeting Visual, Performing, Applied Arts Credit
Courses noted with (VPA) in Catalog

Department	Course Title	Department	Course Title
Art	Advanced Graphic Design	Skilled Trade @ Ed-Tech Center	Agriscience/Horticulture
	AP Studio Art		Automotive Mechanics
	Art I		Careers in Education
	Graphic Design		Collision Repair
	Drawing		Computer Aided Drafting
	Painting		Construction Trades
	Pottery		Cosmetology
	Printmaking		Culinary Arts
	Sculpture		Diesel Technology
	Studio Art		Digital Media Arts
	Two-Dimensional Art		Health Occupations
Industrial Arts	Advanced Mechanical Drafting		Health Science Professions
	Architectural Drafting		IT Net (Computer Networking)
	Drafting I		Marketing & Entrepreneurship
	Drafting – Independent Study		Mechatronics
	Metals I		Public Safety/Protective Services
	Metals II		Recreational Vehicle Repair
	Metals III		Residential Electrical, Plumbing, & HVAC

	Robotics		Welding and Machining Technology
	Woods I	**English**	AP Seminar
	Woods II		Argumentation & Debate
	Woods III		Speech and Communication
	Woodworking Techniques	**Music**	Concert Band
Life Management	Clothing Construction I		Concert Choir
	Clothing Construction II		Jazz Band
Business ELA	Computer Apps for Desktop Pub.		Mixed Chorus
	Creative Writing		Music Theory and History
	Photo Editing I		Symphony Band
	Photo Editing II		Treble Choir
	Publications	**Dual Enrollment**	Baker: Computer, Engineering, Health, CNC
Social Studies	Humanities I		Mott: Business, C J
	Humanities II		U M Flint: Humanities
Yearbook	Student Publications		

Graduation Requirements

Courses Meeting Math-Related Credit

These courses are in addition to all courses listed in Math Department. Courses noted with (MathR) in Catalog.

Department	Course Title	Department	Course Title
Business	Accounting I	**Skilled Trade @ Ed-Tech Center**	Agriscience/Horticulture
	Accounting II		Automotive Mechanics
	Building Wealth		Careers in Education
	Business Math		Collision Repair
	Personal Money Management		Computer Aided Drafting
Life Management	Consumer Education		Construction Trades
Science	Advanced Topics in Physics		Cosmetology
	AP Physics		Culinary Arts
	Conceptual Physics		Diesel Technology
	Forensic Physics		Digital Media Arts
	Physics		Health Occupations
	PLTW – Intro. to Engineering Design		Health Science Professions
	PLTW – Principles of Engineering		IT Net (Computer Networking)
Industrial Arts	Drafting		Marketing & Entrepreneurship
	Metals I		Mechatronics
	Metals II		Public Safety/Protective Services
	Metals III		Recreational Vehicle Repair
	Woods I		Res. Electrical, Plumbing, & HVAC
	Woods II		Welding and Machining Technology
	Woods III		
Dual Enrollment	Baker: Computer, Engineering, CNC		

College Credit Opportunities

ADVANCED PLACEMENT (AP)
An examination program for which colleges may grant credit in a number of specific content areas. Lapeer Community Schools offer specific courses designed to prepare students for AP testing. These courses are AP English Language and Composition, AP English Literature and Composition, AP Research, AP Seminar, AP Spanish, AP French, AP Chemistry, AP Biology, AP Environmental Science, AP Physics, AP Calculus AB, AP Calculus BC, AP Statistics, AP U.S. History, AP Psychology, AP U.S. Government and Politics, AP World History, and AP Studio Art. See your counselor for further information. Students taking Advanced Placement classes are making a commitment to excellence. These classes create a collegiate-style academic environment. The pace of instruction and expectations for homework are demanding. Students who select these classes must accept these challenges if they wish to receive above average grades. Students are strongly encouraged to take the AP test(s) offered in the spring.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)
Examination programs for which colleges may grant credit to those students who demonstrate their knowledge, if any, of the 34 examinations. Each university and college determines the granting of credit for CLEP and AP by its internal policies. Students considering taking a CLEP or AP test should contact the university or college in which they intend to enroll to assess the advisability of taking these examinations.

COLLEGE ON CAMPUS DUAL ENROLLMENT
LCS is partnered with University of Michigan-Flint, Mott Community College, Baker College, and Eastern Michigan University to provide a yearlong block of classes in Lapeer offered during the traditional school day. Intended for juniors and seniors, a student successfully completing the College on Campus Program will earn from 7-13 college credits. For more information on specific programs see pages 67-74.

DUAL ENROLLMENT
Students in grades 9-12 may enroll in a postsecondary course provided they meet the following criteria:

A) Enrollment in at least one high school course. The number of courses a student may take per semester between the high school and college may not exceed seven.

B) Completion of all high school courses available in the course content area. (An exception to this could occur if a scheduling conflict exists beyond the student's control.)

C) Fulfillment of requirements established by the postsecondary institution.

D) Achievement of minimum qualifying scores on one of the state approved tests. Please see your counselor for the state/college approved cut scores. Tests include: ACT, MME, PSAT, SAT and Accuplacer.

E) Students can enroll in a total of 10 total courses during their high school career. LEC up to 60 credits.

F) A student who meets the minimum qualifying score may dual enroll in any course that applies towards the fulfillment of a postsecondary institution's degree requirements <u>EXCEPT</u> for:
   - Hobby, craft or recreational courses
   - Physical education, theology, divinity, or religious education

G) A student who does not meet all of the passing scores but has passed at least one area may ONLY dual enroll in
   - The subject areas for which he/she has achieved a qualifying score;
   - A course in computer science or foreign language not offered by the school district; or
   - A course in fine arts as permitted by the school district.

Course Offerings

Courses described in this Course Offerings Handbook are offered based upon sufficient student demand and teacher availability determined by administration.

This section of the Course Offerings Handbook contains a departmental listing of all courses of instruction for the coming school year.

For each subject offered, the course number and title are listed, followed by the grade levels for which the course is available, for example, 9-10, 9-12, 11-12, etc. Courses that are one credit are one semester in length. Two credit courses are for two semesters. Some courses cannot be elected until a prerequisite course has been taken. In these cases, the course numbers of the prerequisite course(s) are listed in front of the course description. AP courses are noted in the course title. NCAA approved courses are noted in parentheses following the course description (NCAA). Courses meeting the visual, performing, and applied arts MMC requirement are noted by (VPA) following the course description. Courses qualifying to receive math-related credit are noted with (MathR) following the course description.

Course Offerings for 6th Grade

Course #	Required Core Courses	Length	Course #	Exploratory Courses	Length
6210	ELA 6	Full Year	6660A 6660B	Band 6 A&B	Full Year
7222	*SpringBoard ELA 7	Full Year	7605	Introduction to Choir	Semester/ Full Year
6522	Math 6	Full Year	6400	Teen Survival Skills	Semester
6523	*Advanced Math 6	Full Year	6000A	Exploratory Art A	Semester
7522	*Math 7	Full Year	6366	Exploratory Spanish	Semester
6700	Science 6	Full Year	6715	Outdoor Education 6	Semester
6730	PLTW Science 6	Full Year (2 hour block)	7155	Tech for Life	Semester
6800	Social Studies 6	Full Year	7870	Service Learning	Semester
	Required Exploratory Courses	**Length**	6142	Introduction to Coding	Semester
6650	Physical Education 6	Semester	7991	LINKS	Semester
	One of the following ELA Exploratory Courses is required:		6950M	*Guided Academics (Math)	Semester
8245	Introduction to Theater Arts	Semester			
6259	Introduction to Speech and Debate	Semester			

6252	Introduction to Creative Writing	Semester			
6257	Introduction to Literature Study	Semester			
6950E	*Guided Academics (ELA)	Semester			

*Specific criteria must be met for enrollment in this course for 6th grade students.

Course Offerings for 7th Grade

Course #	Required Core Courses	Length	Course #	Exploratory Courses	Length
7210	ELA 7	Full Year	6000A 7000B	Exploratory Art A or B	Semester
8222	*SpringBoard ELA 8	Full Year	7601A 7601B	Band 7 A&B	Full Year
7522	Math 7	Full Year	7605	Introduction to Choir	Semester/Full Year
7523	*Advanced Math 7	Full Year	7715	Outdoor Education	Semester
8522	*Math 8	Full Year	7235	*Reading Intervention	Semester
7700	Science 7	Full Year	7551	*Math Intervention	semester
7730	PLTW Science 7	Full Year (2 hour block)	7950M	*Guided Academics (Math)	Semester
7800	Social Studies 7	Full Year	7870	Service Learning	Semester
	Required Exploratory Courses	**Length**	7555	Amusement Park Math	Semester
7653	Physical Education/Health 7	Semester	7366	Exploratory Spanish	Semester
	One of the following ELA Exploratory Courses is required:		310	*Spanish I	Full Year
8245	Introduction to Theater Arts	Semester	7142	Introduction to Coding	Semester
7259	Introduction to Speech and Debate	Semester	7991	LINKS	Semester
7252	Introduction to Creative Writing	Semester			
7257	Introduction to Literature Study	Semester			
7950E	*Guided Academics (ELA)	Semester			

*Specific criteria must be met for enrollment in this course for 7th grade students.

Course Offerings for 8th Grade					
Course #	**Required Core Courses**	**Length**	**Course #**	**Exploratory Courses**	**Length**
8221	ELA 8	Full Year	8602	Concert Band 8	Full Year
8222	*Springboard ELA 8	Full Year	8603	*Symphony Band 8	Full Year
230	*Springboard ELA 9	Full Year	8607	8th Grade Choir	Full Year
231	*Springboard ELA 10	Full Year	8608	8th Grade Advanced Choir	Full Year
8522	Math 8	Full Year	8000	Exploratory Art 8	Semester
530	*Algebra I	Full Year	8035	*Advanced Art	Semester
533	*Geometry	Full Year	310	Spanish I	Full Year
534	*Algebra II	Full Year	311	Spanish II	Full Year
539	Honors Algebra II	Full Year	300	French I	Full Year
8710	Science 8	Full Year	301	French II	Full Year
8730 8731	PLTW 8 Elective	Full Year (1 hour block)	8870	Service Learning	Semester
8810	Social Studies 8	Full Year	M450	Introduction to Engineering and Design	Semester
720	*Biology (See note below)	Full Year	8650	Physical Education 8	Semester
726A&B	*Life Science (See note below)	Full Year	8670	Personal Fitness	Semester
772	*PLTW Biomedical Science	Full Year	8165	Publications	Semester/Full Year

Biology, Life Science, or PLTW Principles of Biomedical Science can be taken as 8th grade science class for those students on PLTW pathway. *OR* *Can be taken concurrently with Science 8 for students interested in advancement.*	8245	Theatre Arts	Semester
	8235	*Reading Intervention	Semester
	8950E	*Guided Academics ELA 8	Semester
	8950M	*Guided Academics Math 8	Semester
	8151	Tech for Life	Semester
	8142	Introduction to Coding	Semester
	8252	Introduction to Creative Writing	Semester
	8257	Introduction to Literature Study	Semester
	8259	Introduction to Speech and Debate	Semester
	770	*PLTW: Introduction to Engineering & Design (HS credit course)	Full Year
	618A&B	Music Exploration	Full Year
	776A&B	Exploration of the Natural World	Full Year
	389	Exploration in World Languages	Full Year
	8730	App Creators (PLTW)	Semester
	8731	Computer Science for Innovators and Makers (PLTW)	Semester

*Specific criteria must be met for enrollment in this course for 8th grade students.

Course Index – 9th – 12th Grade

Art		Grades	Cr
010	Art I	9 – 12	2
020	Two Dimensional Art	10 – 12	2
030	Pottery	10 – 12	1
031	Sculpture	10 – 12	1
042	Graphic Design	10 – 12	1
043	Advanced Graphic Design	10 – 12	1
050	Studio Art	11 – 12	1
052	AP Studio Art	11 – 12	1
Business/Computer		**Grades**	**Cr**
100	Introduction to Business	9 – 12	1
102	Personal Money Management	9 – 12	1
115A&B	Accounting I A&B	*9 – 12	1
116A&B	Accounting II A&B	10 – 12	1
120	Building Wealth	10 – 12	1
132A&B	Marketing/Entrepreneurship I & II	10 – 12	1

137	Sports & Entertainment Marketing	10 – 12	1
139	Business Math	12	1
140	Word Processing I	9 – 12	1
145	Word Processing II	9 – 12	1
150	Computer Apps for Personal Use	9 – 12	1
151	Computer Apps for Desktop Publishing	9 – 12	1
153	Multimedia Production	12	1
157	Web Authoring/Basic Programming	10 – 12	1
160	Photo Editing	9 – 12	1
162	Photo Editing II	9 – 12	1
171	Information Technology	9 – 12	1
English		**Grades**	**Cr**
220	English 9	*8 – 9	2
950	Guided Academics 9-12	9 – 12	1
221	English 10	10 – 11	2
222	English 11	10 – 11	2
223	English 12	12	2
223	English 12 Capstone	12	2
230	SpringBoard English 9	8 – 9	2
231	SpringBoard English 10	9 – 10	2
263	SpringBoard English 11	10 – 11	2
232	AP English Language & Composition	10 – 12	2
233	AP English Literature & Composition	11 – 12	2
234	AP Seminar	10 – 11	2
239	AP Research	11 – 12	2
240	Speech Communications	9 – 12	1
241	Argumentation & Debate	10 – 12	1
243	Drama Literature	10 – 12	1
244	Introduction to Contemporary Literature	9 – 10	1
245	Contemporary American Literature	11 – 12	1
250	American Film Study	11 – 12	1
252AD	Creative Writing	9 – 12	1
253	Mythology	10 – 12	1
267D	Literacy Intervention	9 – 11	1
275	Holocaust & Middle East Literature	10 – 12	1
Family & Consumer Science		**Grades**	**Cr**
450	Clothing Construction	9 – 12	1
451	Clothing Construction II	9 – 12	1
455	Foods and Nutrition	9 – 12	1
457	Foods and Nutrition II	9 – 12	1
462	Human Relations	9 – 12	1

468	Child Development I	10 – 12	1
469	Child Development II	10 – 12	1
470	Consumer Education	9 – 12	1
Industrial Technology		**Grades**	**Cr**
400	Woods I	9 – 12	2
401	Woods II	10 – 12	2
402	Woods III	11 – 12	2

Industrial Technology		**Grades**	**Cr**
403	Woodworking Techniques	11 – 12	2
410	Metals I	9 – 12	2
411	Metals II	10 – 12	2
412	Metals III	11 – 12	2
420	Small Engine Repair	9 – 12	1
421	Basic Electricity	9 – 12	1
422	Electronics	10 – 12	1
423	Robotics	9 – 12	2
430	Drafting I	9 – 12	2
431	Advanced Mechanical Drafting	10 – 12	2
432	Architectural Drafting	10 – 12	2
433	Drafting – Independent Study	11 – 12	2
Math		**Grades**	**Cr**
530	Algebra I	*6 – 9	2
532	Algebra II	*8 – 12	2
533	Geometry	*7 – 10	2
539	Honors Algebra II	8 – 10	2
950	Guided Academics 9-12	9 – 12	1
540	Probability/Statistics	10 – 12	2
541	Pre-Calculus/Trigonometry	10 – 12	2
542	AP Calculus AB	10 – 12	2
543	AP Statistics	11 – 12	2
545	AP Calculus BC	11 – 12	2
555	Algebra III with Trig	11 – 12	2
Music		**Grades**	**Cr**
603	9th Grade Concert Band	9	2
604	9th Grade Symphony Band	9	2
600	Concert Band	10 – 12	2
601	Symphony Band	10 – 12	2
602	Jazz Band	9 – 12	2
605	Wind Ensemble	10 – 12	2
614	9th Grade Advanced Choir	9	2

610	Treble Choir	10	2
611	Choir	9 – 12	2
612	Honors Choir	10 – 12	2
616	Show Choir	9 – 12	2
615	Music Theory and History	9 – 12	2
618A&B	Music Exploration	6 – 12	2
Physical Education		**Grades**	**Cr**
650	Physical Education	9	1
651	Health	9 – 12	1
652	Lifetime Fitness I	9 – 10	1
660	Advanced Physical Education	10 – 12	1
670	Physical Conditioning	10 – 12	1
673	Athletic Enhancement	10 – 12	1
675	Female Physical Conditioning	10 – 12	1
Science		**Grades**	**Cr**
720	Biology I	8 – 10	2
726	Life Science	9 – 12	2
721	Human Anatomy/Physiology	9 – 12	2
724	AP Biology	10 – 12	2
727	Forensic Chemistry	10 – 12	2
730	Chemistry I	9 – 12	2
731	AP Chemistry	10 – 12	2
740	Physics	9 – 12	2
743	Forensic Physics	9 – 12	2
745	Conceptual Physics	12	2
747	AP Physics	10 – 12	2
761	Environmental Science	10 – 12	2
765	AP Environmental Science	10 – 12	2
770	PLTW Intro. to Engin. & Design (IED)	8 – 12	2
772	PLTW Principal of Biomedical Sciences	8 – 10	2
773	PLTW Engin. Design & Develop. (EDD)	10 – 12	2

Course Index – 9th – 12th Grade

Science		Grades	Cr
774	PLTW Principles of Engineering (POE)	9 – 12	2
775	PLTW Human Body Systems	9 – 12	2
777	PLTW Medical Interventions	10 – 12	2
778	PLTW Biomedical Innovations	11 – 12	2
Social Studies		**Grades**	**Cr**
825	World History	9	2
828	AP World History	9 – 12	2
840	Current Events	11 – 12	2
845	Civics	10	1
846	Economics	10	1
851	US History (1877 – Present)	11	2
853	AP United States History	11 – 12	2
862	AP US Government and Politics	10 – 12	2
869	AP Psychology	11 – 12	2
870	Psychology	11 – 12	1
871	Sociology	11 – 12	1
877A&B	Criminology A&B	11 – 12	1
880	Amer. Wars: Independence-Expansion	9 – 12	1
881	Amer. Wars: Civil War – World War I	9 – 12	1
882	Amer. Wars: 20th Century and Beyond	9 – 12	1
883	The Civil Rights Movement	10 – 12	1
886	American Sports History A	9 – 12	1
887	American Sports History B	9 – 12	1
888	Humanities I	9 – 12	2
889	Humanities II	9 – 12	2
890	The American West	9 – 12	1
891	The American Jury	9 – 12	1
892	Women in America	9 – 12	1
World Language		**Grades**	**Cr**
300	French I	7 – 12	2
301	French II	*8 – 12	2
302	French III	*9 – 12	2
303	French IV	10 – 12	2
304	AP French Language	11 – 12	2
306	French Culture A	10 – 12	1
307	French Culture B	10 – 12	1
310	Spanish I	7 – 12	2

311	Spanish II	*8 – 12	2
312	Spanish III	*9 – 12	2
313	Spanish IV	10 – 12	2
314	AP Spanish Language and Culture	11 – 12	2
315	Spanish & Latin American Culture A	10 – 12	1
317	Spanish & Latin American Culture B	10 – 12	1
389	Exploration in World Languages	6 – 12	2
Yearbook		**Grades**	**Cr**
901	Student Publications	9 – 12	2
Special Education		**Grades**	**Cr**
926	Academic Support	9 – 12	2
93009	High School English Support	9 – 12	2
93209	High School Math Support	9 – 12	2
935	High School Social Studies Support	9 – 12	2
938	High School Science Support	9 – 12	2
Special Programs		**Grades**	**Cr**
952	Strategies for Success	11	2
955	Career Readiness	10 – 12	1
957	Peer Tutoring	8 – 12	1
958	Human Services	*9 – 12	1
970	Technology Assistant	10 – 12	1
991	LINKS	9 – 12	1
9DE	Dual Enrollment	11 – 12	
9DP	Deep (COC) Dual Enrollment	11 – 12	
	Career + Technical Education	11 – 12	

Course Offerings

Art Department

Courses are designed for both artist and non-artist to help all students better understand and develop individual skills of self-expression. College preparatory students may use art courses to fulfill their Visual, Performing, Applied Arts (VPA) requirement. Students planning to pursue a career in art related fields should plan on taking art classes all four years.

*This course may be repeated for art credit with administrative approval.

6000A Exploratory Art A **1 Semester** **6 – 7**

Students will learn the elements of art: line, shape, color, value, form, texture and space in order to prepare for a variety of creative options in the future. Students will create two-dimensional as well as three-dimensional art while exploring different cultures, art history and art making styles.

7000B Exploratory Art B **1 Semester** **6 – 7**

Students will learn to utilize the principals of design: balance, contrast, emphasis, movement, pattern, rhythm and unity and the elements of art to create visually successful compositions as well as

communicate ideas. Students will create two-dimensional as well as three-dimensional art while exploring different cultures, art history and art making styles.

8000	**Exploratory Art 8**	**1 Semester**	**8**

Eighth grade students will apply their knowledge of the elements of art and the principals of design to create visually interesting compositions and effectively communicate thoughts, ideas and opinions. Students will explore a variety of art media in both two-dimensional and three-dimensional form as well as gain more understanding of how art influences culture, history and everyday life.

8035	**Advanced Art**	**1 Semester**	**8**

Prerequisite: Administrative approval
This class is designed for students who have a strong interest in and dedication to the visual arts. A variety of media will be explored in-depth including, but not limited to, clay, drawing, and painting. Some art projects will be self-directed, fueled by students' own interests with research in art history, cultures, and contemporary art.

010	**Art I**	**2 Semesters**	**2 Credits**	**9 – 12**

Successful completion of this entire course (010A and 010B) is required for all other art classes. This class is an introductory class. Students will be taught techniques to improve drawing abilities and be introduced to a variety of materials used for art expression.

010A Students will learn the elements of art and principles of design. (VPA)
010B Students will apply art elements and principles of design in a variety of ways. (VPA)

020	**Two-Dimensional Art**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: 010A&B
This class is a study of two-dimensional art, which may include drawing, painting, and printmaking. This is intended for students interested in exploring these areas as well as serious art students who should take this 2 semester class to begin developing portfolio work. All art portfolios require 2-dimensional pieces of work. (VPA)

Course Offerings

Art Department

030	**Pottery**	***1 Semester**	**1 Credit**	**10 – 12**

Prerequisite: 010A&B
This class is a study of functional pottery. Students will learn the various hand-building techniques as well as using the potter's wheel. Glazing and decorating techniques will also be pursued. Students will be responsible for the cost of project materials. (VPA)
*This course may be completed up to 3 semesters for art credit with approval.

031	**Sculpture**	***1 Semester**	**1 Credit**	**10 – 12**

Prerequisite: 010A&B
This class is a study of three-dimensional art media. Students may sculpt in paper, plaster, wire, paper mache, and clay. Wood and stone are options for advanced students. Students will be responsible for the cost of project materials. (VPA)
*This course may be completed up to 3 semesters for art credit with approval.

042	**Graphic Design**	**1 Semester**	**1 Credit**	**10 – 12**

Prerequisite: 010A&B
This class instructs students in graphic design skills using traditional and digital tools used in the communication arts industry. The focus will be on finding creative visual solutions that will include typography, imagery, and color within their projects. (VPA)

043	**Advanced Graphic Design**	**1 Semester**	**1 Credit**	**10 – 12**

Prerequisite: 010A&B, 042
This class is for art students who would like a more in-depth study in areas of graphic design. Projects may focus on logo, book, and package design as well as environmental graphics. This class may include computer graphics. (VPA)

050	**Studio Art**	***1 Semester**	***1 Credit**	**11 – 12**

Prerequisite: 010A&B, 020 and administrative approval
The student electing Studio Art must have a genuine interest and ability in a specialized art area. Each student will be responsible for setting goals with approval and guidance from the instructor. Art portfolio development will be a prime focus. (VPA)
*This course may be repeated up to 4 semesters for art credit with instructor approval.

052	**AP Studio Art**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 020, 050 and administrative approval
The student electing this class must be highly motivated in order to facilitate portfolio completion and submission. Students will follow course guidelines developed and published by the College Board. Fees and costs pertinent to portfolio entry will be the student's responsibility. This is a rigorous college-level class that prepares the student to take the Advanced Placement exam. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA, VPA)

Course Offerings Business/Computer Department

6142 **7142** **8142**	**Introduction to Coding**	**1 Semester**	**6 – 8**

This course is for students looking to learn basic computer programming and coding skills. Students will learn coding across several themes that may include storytelling, friends, fashion & design, art, social media, sports, music & sound, game design, and animation. The course will utilize several web-based applications that have been developed for the purpose of exposing students to computer programming.

7155 8151	**Technology for Life**	**1 Semester**	**7 – 8**

This class is based on a problem-solving hands-on modular curriculum. Students are exposed to various types of career paths and the implications for using technology. There are 20 different modules that the students choose from: Flight Simulation, Video Production, Space and Rocketry, Computer Aided Design, Computer Graphic Design, Animation, Engineering and Stress Analysis, CO2 Raceway, Meteorology and Forecasting, Biotechnology, Residential Plumbing, Radio Broadcasting, Auto Exploration, Alternative Energy, Child Development and Child Care, Fabrics and Fashion, Food Science and Services, Living Spaces, Residential Electrical Wiring, and Computer Numerical Control (CNCV): Lathe.

M450	**Introduction to Engineering & Design**	**1 Semester**	**8**

This class will provide an introduction to engineering by briefly exploring the history of engineering and famous engineers. With many hands-on activities and labs, students will learn basic physics concepts and will apply these concepts in a final design project.

100	**Introduction to Business**	**1 Semester**	**1 Credit**	**9 – 12**

This course introduces students to the world of business and sets a solid foundation for high school, college, and career. Introduction to Business will help students acquire sound values and acceptable attitudes regarding their personal lives and on-the-job success. Students will be engaged in teamwork, presentations, computer-related activities, and current events while learning the following topics: today's economy, business ownership, career exploration, getting and keeping a job, how to be a wise consumer, managing money, understanding banking and credit, and types of insurance. The knowledge obtained in this class is practiced and reinforced throughout the course and is transferable to other courses as well as everyday life.

102	**Personal Money Management**	**1 Semester**	**1 Credit**	**9 – 12**

Financial literacy is critical for students as they progress through their lives. The importance of being financially literate is crucial to success and stability. In this course students learn to manage money, as well as protect their assets in order to financially attain the lifestyle they desire. Students attain the knowledge and skills necessary to navigate the financial services industry and begin the financial planning process. Topics include: earning and managing money, completing tax returns, budgeting, strategies of saving and investing, online banking, how to use credit, major purchasing decisions, and ways to protect against risk and financial loss.

Course Offerings Business/Computer Department

115A	**Accounting I A**	**1 Semester**	**1 Credit**	**10 – 12 (*9 w/approval)**

Accounting I provides students with the basic knowledge of accounting procedures, including analyzing and journalizing business transactions; constructing worksheets; calculating and recording adjusting entries; preparing financial statements; and finalizing the accounting cycle through closing

entries. Emphasis is placed on service businesses in a sole proprietorship. All students, regardless of the career they choose, can benefit from accounting instruction. This course is highly recommended for students in grades 10 through 12 who are considering any business major at the collegiate level. (MathR)

115B	**Accounting I B**	**1 Semester**	**1 Credit**	**10 – 12 (*9 w/approval)**

Prerequisite: 115A
This course expands the student's knowledge to basic bookkeeping/accounting theory and practices for a merchandising partnership. It will give students a better insight into the many financial career opportunities that the business world offers, as well as personal money management tips. (MathR)

116A	**Accounting II A**	**1 Semester**	**1 Credit**	**10 – 12**

Prerequisite: 115A&B
Accounting II provides a continuation of Accounting I. In Accounting II, special journals, subsidiary accounts and payroll reports and taxes will be introduced. An emphasis is placed on merchandising businesses set up as a sole proprietorship or corporate setting. This course is highly recommended for students in grades 10 through 12 who are considering any business major at the collegiate level. (MathR)

116B	**Accounting II B**	**1 Semester**	**1 Credit**	**10 – 12**

Prerequisite: 116A
This course continues the accounting sequence. It emphasizes advanced accounting methods for a corporation with different departments. Journalizing, inventory control and business reports are covered in detail. Students are introduced to automated accounting programs and do an accounting simulation. This course is designed to better prepare the student for business programs in college as well as future employment in the world of business. (MathR)

120	**Building Wealth**	**1 Semester**	**1 Credit**	**10 – 12**

Building Wealth is a course designed for students who recognize the importance of preparing for lifetime personal economic independence, stability, and security. This class focuses on direct investment in the stock market set against the backdrop of a broad discussion of investment opportunities. Students should develop enough basic investment knowledge to understand the need for diversified investments, the value of investing regularly and for the long run, and the importance of beginning to invest at an early age. (MathR)

Course Offerings Business/Computer Department

132A	**Marketing/Entrepreneurship I**	**1 Semester**	**1 Credit**	**10 – 12**

This course is designed to introduce students to the world of small business ownership and management. This course builds students' skills in the knowledge of types of business ownership, legal issues, business finance/start-up costs, business trends, site selection, marketing, pricing strategies and the development of a business plan on the students' product/service of choice. The Entrepreneurship class will develop and/or operate a class business in which they will realistically perform duties in areas such as product planning, financing, human resources, marketing/advertising, selling, and management of product(s). This hands-on course involves students in a variety of activities that will provide them with the skills necessary to be successful in a constantly changing workplace.

132B	**Marketing/Entrepreneurship II**	**1 Semester**	**1 Credit**	**10 – 12**

Prerequisite: 132A
This course is a continuation of Marketing/Entrepreneurship. Students will expand their knowledge of the functions of marketing and entrepreneurship. Topics include managing marketing strategies, managing business processes, managing business finances, and growing the business. Students will be expected to run and operate the school store.

137	**Sports and Entertainment Marketing**	**1 Semester**	**1 Credit**	**10 – 12**

Sports and Entertainment Marketing is a unique and innovative course designed for students with an interest in the sports and entertainment industry. This course stresses the utilization of fundamental marketing concepts and will include an orientation to the sports and entertainment industry. Marketing strategies along with topics in sponsorship, pricing, marketing research, endorsements, and promotions are a part of this course. The course develops critical thinking, decision making and communication skills through real world applications. Students will be prepared to handle specific tasks associated with either industry. This course offers students an edge if pursuing marketing or sports management degrees on the collegiate level. Guest speakers, case studies, field trips, videos and computer integrated activities are incorporated into the class.

139	**Business Math**	**1 Semester**	**1 Credit**	**12**

Business Math is a course that helps students understand mathematics in the context of business and personal finance. Students gain the knowledge and skills to manage their own finances and use math in everyday business and personal situations. (MathR)

140	**Word Processing I**	**1 Semester**	**1 Credit**	**9 – 12**

This course emphasizes the “touch” method of keyboarding which leads to higher speeds and accuracy. Students learn how to use proper keyboarding techniques and learn some basic formatting skills to prepare reports, letters and centering problems for personal, college and professional use.

145	**Word Processing II**	**1 Semester**	**1 Credit**	**9 – 12**

Prerequisite: 140
This course allows students to improve their touch-typing skills, improve their technique, speed and accuracy. Students learn professional formatting skills for letters, envelopes, resumes, centering, reports, notes, memorandums and many other business forms.

150	Computer Apps for Personal Use	1 Semester	1 Credit	9 – 12

This is a “must have” course for all students to prepare them with actual skills needed for their personal, school, and workplace use of computers. This course is an introduction to Windows XP and real world application software for word processing, spreadsheets, mail merge, graphics, and their features. The student gains a working knowledge of software and is able to apply it to his/her own personal, college, and career uses. This is a hands-on, project based introductory course for using computer software and features of the software that most students would find useful.

151	Computer Apps for Desktop Publishing	1 Semester	1 Credit	9 – 12

This class introduces the student to computer application concepts in the use of graphics, fonts, color, and the placement of text for a variety of documents. Innovative Desktop Publishing software is used as the student turns the computer into his/her own publishing tool to create attractive design layouts for brochures, newsletters, certificates, banners, 3-D calendars, flip-calendars, posters, business cards, photo cubes, and many other non-typical documents that many people find useful in their personal, school, and workplace lives. Students learn Microsoft Office 2007 Suite Desktop Publishing software not often used by others their age. This class uses the Internet, digital cameras, and scanners for assisting in producing documents. (VPA)

153	Multimedia Production	1 Semester	1 Credit	12

This course gives students real world application skills to utilize multimedia software and their features. The course is designed to be hands-on and project-based, giving students exposure to a variety of technology platforms for multimedia applications including opportunities for work in stop-motion animation, video editing, and widely utilized presentation platforms such as MS PowerPoint and Prezi. (VPA)

157	Web Authoring/Basic Programming	1 Semester	1 Credit	10 – 12

Prerequisite: Administrative approval
This class exposes students to basic programming languages. Good program structure and problem solving is stressed. Topics include using data, attraction outputs, interactive programming, graphics, loops, and sorting. Programming skill sets are used in the creation and maintenance of a web page. Web page developmental processes includes graphical interfacing, animation, and sound effects. Learning proper page design and organization is emphasized.

160	Photo Editing	1 Semester	1 Credit	9 – 12

Students learn the tools and applications of the amazing Adobe Photoshop program and apply the elements and principles of design in their work. Proper photo editing techniques, coloring, toning, and creative editing are emphasized in this course. (VPA)

162	Photo Editing II	1 Semester	1 Credit	9 – 12

Prerequisite: 160

Students learn advanced creative photo altering, photo correction, and preparation of image/ documents for a variety of uses. Photo Editing II utilizes higher level thinking skills. As with Photo Editing, it is amazing what can be done with this software! (VPA)

Course Offerings Business/Computer Department

171	**Information Technology**	**1 Semester**	**1 Credit**	**9 – 12**

In this course, students are introduced to the knowledge base and technical skills that will help them to successfully compete for jobs within the information technology field. Lessons are structured so that students learn and then demonstrate not only critical assessment and analytic skills, but also interpersonal skills that are valued so highly among IT employers. A range of career tracks that include network engineers, application/programming developers, and systems analysts are explored. These career paths are described in-depth, discussing typical job responsibilities, educational and licensure requirements, working conditions, and job outlooks.

Course Offerings

English Department

The goal of English language arts is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English language arts students will experience the various genres of classic and contemporary narrative and informational texts that are read and analyzed throughout high school. The courses focus on reading, writing, speaking, and listening. The necessary components of each area are emphasized, including grammar usage, sentence structure, vocabulary, and critical thinking. Thematic units introduce the students to a variety of literary forms.

Each grade level offers a variety of course sequences that address the expectations set forth in the 2006 Michigan Merit Curriculum Course Credit Requirements:

English — These courses are for students who desire a strong background in various literary genre and writing formats. This sequence provides an excellent foundation for post-secondary education and career pursuits.

Advanced Placement English--These courses are for 10th - 12th grade students who excel in language arts and plan to take the Advanced Placement tests. The courses offer in-depth study requiring students to do more work independently and outside of school (including a pre-course reading list).

6210	**English 6**	**2 Semesters**	**6**

This course provides sixth grade students with a critical foundation in reading and writing narrative, informational, and argumentative texts. The use of a reader or writer's notebook for each unit encourages students to be independent, engaged, and empowered learners who value close reading, idea generation, drafting, and revision. The first two units facilitate the use of the notebook to develop positive reading attitudes, close reading habits, and generative writing of personal narratives in addition to developing a community of readers and writers. Students explore the elements of argumentation by crafting a literary essay and letter of complaint. The informational reading and informational essay units steep students in how to critically read nonfiction, as well as analyze and use cause and effect text structures, central ideas, and supporting details to craft an informational text.

6950E	**Guided Academics 6**	**1 Semester**	**6**

Guided Academics is a class designed to provide academic intervention in ELA. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis using the academic MTSS requirements. As part of these interventions, formative and summative

assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional ELA classes.

Course Offerings

English Department

7210	English 7	2 Semesters	7

This course provides seventh grade students with a critical foundation in reading and writing narrative, informational, and argumentative texts. The use of a reader or writer's notebook for each unit encourages students to be independent, engaged, and empowered learners who value close reading, idea generation, drafting, and revision. The first two units facilitate the use of the notebook to further develop positive reading attitudes, close reading habits, and generative writing of memoirs in addition to developing a community of readers and writers. Students develop their ability to use the elements of argumentation and evaluation by crafting book critiques, literary essays, and proposal essays. The informational reading and informational essay units steep students in how to critically read nonfiction, as well as analyze and use text structures, central ideas, and supporting details to craft an informational text focusing on a historical event.

7222	SpringBoard English 7	2 Semesters	7

Springboard English 7 is the College Board's official Pre-AP program, developed to provide a roadmap for attaining the knowledge and skills students require for success in Advanced Placement courses and in college-level work.

7950E	Guided Academics 7	1 Semester	7

Guided Academics is a class designed to provide academic intervention in ELA. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis using the academic MTSS requirements. As part of these interventions, formative and summative assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional ELA classes.

8221	English 8	2 Semesters	8

Units taught provide eighth grade students with a critical foundation in reading and writing narrative, informational, and argumentative texts. Through analysis and production of texts in these three modes, students become more adept readers, thinkers, and writers. Across the year, they come to understand the distinctions between narrative, informational and argumentative texts by studying fiction and nonfiction in a variety of formats and developing a more thorough understanding of

audience and purpose when both reading and writing. The use of a reader or writer's notebook for each unit encourages students to be independent, engaged, and empowered learners who value close reading, idea generation, drafting, and revision. The first two units facilitate the use of the notebook for close reading and generative writing of narrative in addition to developing the classroom writing community. The focus on understanding and using the elements of argument underpins three of the units (Argumentative Paragraph, Literary Essay, and Writing the Argument), supporting students in becoming more competent producers of argument in both written and spoken form. The informational reading and informational essay units steep students in how to critically read nonfiction, as well as analyze and use text structures, central ideas, and supporting details to craft an informational text.

8222	**SpringBoard English 8**	**2 Semesters**	**8**

Springboard English 8 is the College Board's official Pre-AP program, developed to provide a roadmap for attaining the knowledge and skills students require for success in Advanced Placement courses and in college-level work.

Course Offerings

English Department

8950E	**Guided Academics 8**	**1 Semester**	**8**

Guided Academics is a class designed to provide academic intervention in ELA. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis using the academic MTSS requirements. As part of these interventions, formative and summative assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional ELA classes.

6252 **7252** **8252**	**Introduction to Creative Writing**	**1 Semester**	**6 – 8**

This course encourages students to develop creative approaches across a wide variety of genres that are not typically included in the core ELA class. Topics may include fantasy, science fiction, song lyrics, poetry, personal essays, and informational/nonfiction writing. Students are inspired to develop original ideas and pieces. Through writing and thinking students learn to become better readers, writers, and thinkers.

6257 **7257** **8257**	**Introduction to Literature Study**	**1 Semester**	**6 – 8**

This course is for students who are looking to develop a lifelong relationship with books. Students explore and broaden their knowledge of different genres of novels, while improving their reading comprehension. Students work on writing and discussion skills. This class is recommended for the passionate reader as well as readers looking to broaden their experiences with literature.

6259 **7259** **8259**	**Introduction to Speech & Debate**	**1 Semester**	**6 – 8**

In this course, students learn how to create and deliver diverse types of speeches and learn public speaking skills. Additionally, students learn how to utilize speeches and presentations to influence other people to understand different points of view.

8245	**Introduction to Theatre Arts**	**1 Semester**	**6 – 8**

In this class, students are introduced to the basic concepts of theatre arts. Students use various creative drama techniques, stimulate imagination, movement, and role-play. Students exhibit and reinforce their skills through individual and group presentations and performances.

220	**English 9**	**2 Semesters**	**2 Credits**	***8 – 9**

Throughout the English 9 course students develop their knowledge of textual elements and structures enabling them to engage in close reading of increasingly complex texts and develop analytical skills and strategies while moving from a variety of literature genres to a variety of nonfiction genres. Students read a variety of fictional texts ranging from micro fiction, short stories, and novels to practice identifying story elements and their impact on author's purpose. Students also read a range of advertisements across marketing sub-genres to analyze how advertisers market a product and persuade consumers. Students apply their knowledge of informational texts to read critically, making inferences and analyzing bias. Student's knowledge of argument is extended through immersion and study of two related genres: personal narrative and personal essay culminating in their writing their own personal essay. (NCAA)

Course Offerings

English Department

950	**Guided Academics 9-12**	**1 Semester**	**1 Credit**	**9 – 12**

950E = English

Prerequisite: Recommendations from two or more of the following: Teacher/Counselor/Administrator

Guided Academics is a class designed to provide academic intervention in ELA. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis using academic MTSS requirements. As part of these interventions, formative and summative assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional ELA classes and promote success in the Michigan Merit Curriculum. This course may be repeated for credit.

221	**English 10**	**2 Semesters**	**2 Credits**	**10 – 11**

Units taught provide tenth grade students with further development in their skills for reading and writing narrative, informational, and argumentative texts. Through analysis and production of texts in these three modes, students become more adept readers, thinkers, and writers.

Across the year, they come to understand the distinctions among narrative, informational and argumentative texts by studying fiction and nonfiction in a variety of formats and developing a more thorough understanding of bias and point of view when both reading and writing. The use of a reader/writer's notebook for each unit encourages students to be independent, engaged, and empowered learners who value close reading, idea generation, drafting, and revision. The first two units facilitate the use of the notebook for close reading of narrative and generative writing of poetry in addition to developing the classroom community of readers and writers. The focus on understanding and using the elements of argument underpins three of the units (Basics of Argumentation, Literary Essay, and Argumentative Writing) supporting students in becoming more competent producers of argument in

both written and spoken form. The informational reading and informational essay units help students develop skills and strategies to engage in close reading of complex texts and explore the influence of U.S. foundational documents on writers and readers. Several of these argumentative units include researching for the purpose of developing an informed view. This course applies the strategies and techniques of the workshop model. (NCAA)

222	**English 11**	**2 Semesters**	**2 Credits**	**10 – 11**

Units taught in eleventh grade help students further develop their skills for reading and writing narrative, informational, and argumentative texts. Through analysis and production of texts in these three modes, students become more adept readers, thinkers, and writers. Across the year, they come to understand the distinctions among narrative, informational and argumentative texts by studying fiction and nonfiction in a variety of formats and developing a more critical lens for reading research. The use of a reader/writer's notebook for each unit encourages students to be independent, engaged, and empowered learners who value close reading, idea generation, drafting, and revision. The first two units facilitate the use of the notebook for close reading of literary non-fiction and generative writing of memoir in addition to developing the classroom community of readers and writers. The focus on understanding and using the elements of argument underpins three of the units (Literary Essay, Basics of Argumentation, and Writing the Argument) and supports students in becoming more competent producers of argument in both written and spoken form. The informational reading and informational essay units help students explore multi-draft reading to comprehend complex texts about issues of human rights, make connections between historical documents and current events. Several of these argumentative units require that students use research to help inform and enhance views about social issues. This course applies the strategies and techniques of the workshop model. (NCAA)

223ADP	**English 12**	**2 Semesters**	**2 Credits**	**12**

***MMC online learning requirement is met in this course.**

Units taught in twelfth grade help students further develop their skills for reading and writing narrative and informational texts. Through analysis and production of texts in these modes, students become more adept readers, thinkers, and writers. Across the year, they come to understand the distinctions between texts by studying a variety of genres and developing a greater set of purposes for reading. The use of a reader/writer's notebook for each unit encourages students to be independent, engaged, and empowered learners who value close reading, idea generation, drafting, and revision. The first two units facilitate the use of the notebook for close reading of the novel or non-fiction and generative writing of poetry in addition to developing the classroom community of readers and writers. Students focus on understanding different interpretations of dramatic text and analyze how closely iterations come to the author's true intent. The informational reading and informational essay units help students explore multi-draft reading to comprehend complex texts about global social issues, make connections between historical documents and current events, and develop a skill set for having conversations about these ideas. Students will practice skills of research related to a global social issue and explore causes and effects of these issues. This course applies the strategies and techniques of the workshop model. (NCAA)

223	***English 12 Capstone**	**2 Semesters**	**2 Credits**	**12**

***MMC online learning requirement is met in this course.**

This course is designed with a focus on Leadership. This sequence provides an excellent foundation for post-secondary education. Students in this course will complete research that shows evidence of leadership skills. (NCAA)

This Senior Capstone is required of all students NOT enrolled in AP Literature and Composition in the senior year. This two hour block of instruction fulfills MMC English senior year requirement in addition to one of the following as chosen by the student:

- Physics
- Senior Math-Related
- Elective (VPA)

Students are also be asked to identify their career pathway to help guide their course of study throughout the experience.

The Senior Capstone is a unique course designed to provide students with a rich learning experience that emphasizes 21st century skills required in a competitive global workplace. Collaboration, creativity, problem solving, and time management are emphasized in a truly cross-curricular learning environment with emphasis on the future career and higher education goals of students in the course. Work in the class is largely project-based, with students using skills to complete group and independent projects with guidance from teachers facilitating the experience. Technology integration is also a key component of the course, with the vast majority of research, writing, reflection, and other work taking place in an online, paperless environment. Projects become increasingly less structured as the year progresses, with student voice in the conception and creation of projects becoming the driving force. The course culminates in fully independently designed projects and/or completion of a local internship in an area of student interest.

Course Offerings

English Department

230	**SpringBoard English 9**	**2 Semesters**	**2 Credits**	**8 – 9**

Springboard English 9 is the College Board's official Pre-AP program, developed to provide a roadmap for attaining the knowledge and skills students require for success in Advanced Placement courses and in college-level work. (NCAA)

231	**SpringBoard English 10**	**2 Semesters**	**2 Credits**	**9 – 10**

This course is designed with a focus on the common core curriculum and is taught with SpringBoard curriculum and textbooks. SpringBoard is the College Board's official Pre-AP program, developed to provide a roadmap for attaining the knowledge and skills students require for success in Advanced Placement courses and in college-level work. Skills focused on include close reading, analysis, and response to fiction and non-fiction texts. Assessments include formative and summative assessments as well as various written components. (NCAA)

263	**SpringBoard English 11**	**2 Semesters**	**2 Credits**	**10 – 11**

This course is designed with a focus on the common core curriculum and is taught with SpringBoard curriculum and textbooks. SpringBoard is the College Board's official Pre-AP program, developed to provide a roadmap for attaining the knowledge and skills students require for success in Advanced

Placement courses and in college-level work. Skills focused on include close reading, analysis, and response to fiction and non-fiction texts. The thematic focus of the year is the American Dream and Journey. Assessments include formative and summative assessments as well as various written components. (NCAA)

232	AP English Language & Composition	2 Semesters	2 Credits	10 – 12

Prerequisite: Administrative approval
The purpose of this course is to provide students with a first-year college-level course designed to help students become skilled readers and writers using rhetorical conventions as they learn skills in the art of analysis and argument. Students are expected to be proficient, but learn to become more proficient, in the reading and writing of Standard English. This course incorporates primarily non-fictional selections along with fiction of American authors. Students utilize different strategies of analysis as they learn to examine texts through close reading. Many forms of formal and informal writing pieces based upon readings in and out of class are composed. The student writer learns to focus upon rhetoric, voice, content, organization, vocabulary and audience as a natural part of the writing process. This course focuses on the Modern Language Association (MLA) citation procedures for evidence and analysis. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

233	AP English Literature & Composition	2 Semesters	2 Credits	11 – 12

Prerequisite: Administrative approval
***MMC online learning requirement is met in this course.**
This course is designed for students who excel in language arts and plan to take the Advanced Placement exam. It includes a College Board approved curriculum in conjunction with a focus on Leadership. This sequence provides an excellent foundation for post-secondary education and career pursuits. This course emphasizes British and World literature. Students focus on the intense study and analysis of literature and refine their writing through vast opportunities for revision. This course is used to meet the MMC requirement. Successful completion of all areas is needed to meet the MMC requirement in the content area which includes: the college essay, short stories, literary elements, the study of the novel, the senior project or research paper, the study of drama, the study of poetry, and test preparation. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

Course Offerings

English Department

234	AP Seminar	2 Semesters	2 Credits	10 – 11

Prerequisite: Administrative approval
This foundational course, typically taken in grade 11, provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lens and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives. Students read articles, research studies, and foundational and philosophical texts; listen to and view speeches, broadcasts, and personal accounts; and explore artistic and literary works to gain a rich appreciation and understanding of issues.

Students, in collaboration with teachers, have the flexibility to choose appropriate themes that allow for deep exploration based on student interests, local and/or civic issues, global or international

topics, and concepts from other AP courses. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA, VPA)

239	AP Research	2 Semesters	2 Credits	11 – 12

Prerequisite: Students must complete the AP Seminar course before taking AP Research.
This course may be used to fulfill the senior English requirement.

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a yearlong mentored, research-based investigation to address a specific question.

In the AP Research course, students further develop the skills acquired in the AP Seminar course by learning about and understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense. Students are assessed on the research process; academic thesis paper; public presentation, performance, or exhibition; oral defense of research and presentation.

Students may earn the AP Seminar and Research Certificate at graduation if courses are successfully completed and qualifying scores are earned. Additionally, students may also pursue the AP Capstone Diploma, which is earned if the student earns qualifying scores in the following: AP Capstone course; AP Research course; four additional AP courses and exams throughout high school. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

240	Speech Communications	1 Semester	1 Credit	9 – 12

This is a challenging course which teaches students how to create and deliver diverse types of speeches and learn public speaking at a mass media level of performance. Skills in logical thinking, note taking, problem solving, group dynamics, behind the scenes media production, and leadership are developed. This course may be taken once for elective credit. (NCAA, VPA)

241	Argumentation & Debate	1 Semester	1 Credit	10 – 12

Prerequisite: 240
This is a fast-paced course in which students learn how to influence people and present winning points of view. A variety of class activities including short speeches, group discussions, panel discussions and debates are employed. (NCAA, VPA)

Course Offerings

English Department

243	Drama Literature	1 Semester	1 Credit	10 – 12

This course allows students to study the different types of playwrights and their plays. Students learn this genre of literature through the study of a variety of plays. They also write and perform their own plays. (NCAA)

244	Introduction to Contemporary Literature	1 Semester	1 Credit	9 – 10

Introduction to Contemporary Literature is an elective class for students interested in developing a lifelong relationship with books. Students explore and broaden their knowledge of different genres of novels, while improving their reading comprehension. Students work on writing and discussion skills, as well as using technology to enhance literacy. This class is recommended for the voracious reader as well as the timid reader seeking to try out new books. The class is for one semester.

245	**Contemporary American Literature**	**1 Semester**	**1 Credit**	**11 – 12**

This course is for students who enjoy reading as well as discussing and writing about literature. Students read contemporary popular fiction and memoir. (NCAA)

250	**American Film Study**	**1 Semester**	**1 Credit**	**11 – 12**

American Film is a semester-long course designed to give students exposure to a varying degree of movies. Students study film from its invention through the current day. This is, therefore, a survey class, designed to give students a broad overview of the material with opportunities to focus studies on specific content of their choice. Students are asked to watch films both inside and outside of class, and respond to them through discussion and in writing. Any student who enrolls in this class is expected to have internet access in order to complete the required online experience associated with the class.

252AD	**Creative Writing**	**1 Semester**	**1 Credit**	**9 – 12**

This course encourages students to develop creative approaches to writing poetry and prose. While the class includes reading, there is a heavy emphasis on writing. Students are asked to workshop, publish, and present their writing. Topics may include rhythm, rhyme, point of view, memoir, fantasy, science fiction, imagery, figurative language, form, mystery, horror, and realistic fiction. Student leave the class with a portfolio of their stories and poems. Students also have an opportunity to learn about and write in genres of their own choice. (VPA)

253	**Mythology**	**1 Semester**	**1 Credit**	**10 – 12**

This course delves deeply into the myriad mythologies that lend references to our literary culture today. Students explore past and contemporary myth systems through literature and film. They also create hands-on projects. (NCAA)

267D	**Literacy Intervention**	**1 Semester**	**1 Credit**	**9 – 11**

This course is by counselor/teacher recommendation only.

Course Offerings

English Department

275	**Holocaust and Middle East Literature**	**1 Semester**	**1 Credit**	**10 – 12**

This course explores units that look at culture and genre, often incorporating historical topics. (NCAA)

A. **Literature of the Holocaust**. This segment of the course investigates beyond what students have studied in previous social science and English classes. It introduces the students to the vast body of Holocaust literature after studying the historical background of Europe as affected by WWII. Students explore the lives of people who lived during the Holocaust. Finally, other historical holocausts are examined.
B. **Literature of the Middle East.** This segment of the course acquaints students with the recent history of the Middle East through both fiction and nonfiction literature. It exposes them to other cultures and reminds them of the commonalities of the human condition.

Course Offerings

Family & Consumer Science

7715	**Outdoor Education**	**1 Semester**	**6 – 7**

Students explore outdoor activities from a variety of perspectives including recreation, sport, and survival skills. There is an emphasis on hands-on and practical activities in survival including shelter construction, fire building, and water purification. Curriculum focus is also given to environmental education including aspects of hunting, fishing, and trapping. In addition, students may participate in various games and activities designed for an outdoor environment.

450	**Clothing Construction**	**1 Semester**	**1 Credit**	**9 – 12**

This course teaches the basics of sewing and clothing construction. Skills are taught as students make a minimum of two garments to enhance their own wardrobe. (VPA)
*Students are responsible for purchasing their own supplies.

451	**Clothing Construction II**	**1 Semester**	**1 Credit**	**9 – 12**

Prerequisite: 450 and/or administrative approval
Students gain additional skills in clothing construction. They also participate in a design project. (VPA)
*Students are responsible for purchasing their own supplies.

455	**Foods and Nutrition**	**1 Semester**	**1 Credit**	**9 – 12**

Food preparation basics and the nutritional needs of the body will be studied. Various descriptions of different food selections are discussed, demonstrated and prepared.

457	**Foods and Nutrition II**	**1 Semester**	**1 Credit**	**9 – 12**

Prerequisite: 455 and/or administrative approval
Students continue with their study of cooking techniques and basic nutrition. Plating, presentation, meal planning, self-evaluation, and peer-evaluation are included.

462	**Human Relations**	**1 Semester**	**1 Credit**	**9 – 12**

This course examines the human environmental structure from adolescence through the death of a spouse. Areas of emphasis include personalities, coping skills, decision making skills, conflict resolution skills, communication skills, relationships, dating, marriage, crises in marriage, plus human sexual development and information related to family planning and life-styles.

468	**Child Development I**	**1 Semester**	**1 Credit**	**10 – 12**

A child's physical, mental, social and emotional development from conception to age three will be studied. Risks associated with prenatal development, parenting skills, day care, safety and current issues are also covered.

469	**Child Development II**	**1 Semester**	**1 Credit**	**10 – 12**

This course is designed for sophomore, junior, and senior level students who express an interest in child development, psychology or other related career fields. This course covers theories of child development, family structures, parenting responsibilities, birth defects, parenting styles and the basics of caring for children from pregnancy through the school years.

470	**Consumer Education**	**1 Semester**	**1 Credit**	**9 – 12**

A course related to the economic needs and planning for individuals. Topics such as budgeting, traveling, insurance, banking, household setup, accessing medical attention, taxes and financing are discussed. (MathR)

Course Offerings

Industrial Technology Dept

400	**Woods I**	**2 Semesters**	**2 Credits**	**9 – 12**

This course is a basic woodworking course with emphasis on hand tool use and care. Some power woodworking machinery is covered. Emphasis is on use, care and safety. (MathR, VPA)
*Students are responsible for the cost of project materials.

401	**Woods II**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: 400 and/or administrative approval
This course is an advanced woodworking course emphasizing use, care and safe operation of all power woodworking machinery. (MathR, VPA)
*Students are responsible for the cost of project materials.

402	**Woods III**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 401 and/or administrative approval
This course is the most advanced woodworking course, teaching furniture-making skills and techniques. (MathR, VPA)
*Students are responsible for the cost of project materials.

403	**Woodworking Techniques**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 402 and/or administrative approval
This course allows students to do an in-depth study of a woodworking area of interest to them. Students explore, research, and do a hands-on study of topics such as woodturning, woodcarving and sculpture, bending, veneer work, and other topics. (VPA)
*Students are responsible for the cost of project materials.

410	**Metals I**	**2 Semesters**	**2 Credits**	**9 – 12**

This course is a basic metalworking course that highlights metals and their properties, sheet metalworking, hand tool uses, basic machine use and basic gas MIG and arc welding principles. Students will complete approved projects. (MathR, VPA)
*Students are responsible for the cost of project materials.

411	**Metals II**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: 410 and/or administrative approval
This is an advanced metals course with concentration on advanced welding and metal machining skills, as well as project completion related to advanced applications. (MathR, VPA)
*Students are responsible for the cost of project materials.

412	**Metals III**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 411 and/or administrative approval
This is the most advanced metal course teaching advanced machining and casting. (MathR, VPA)

*Students are responsible for the cost of project materials.

420	Small Engine Repair	1 Semester	1 Credit	9 – 12

This course takes a laboratory approach to the repair of two- and four-stroke gasoline engines, with special emphasis on diagnosing problems, repairing, and maintaining small engines. Theory related to modern fuel sources and gasoline alternatives is covered.

Course Offerings Industrial Technology Dept

421	Basic Electricity	1 Semester	1 Credit	9 – 12

This is a basic course in residential electricity and electronics. Students cover basic residential wiring theories in practical laboratory activities related to household wiring. Students also cover basic electronic theories in laboratory activities related to electronic circuitry present in common devices. Practical tool use, repair, and job fields/opportunities for electrical and electronic work are also covered in this course.

422	Electronics	1 Semester	1 Credit	10 – 12

Prerequisite: 421
This course is an exploration course that is designed to give a student the opportunity to discover some of the exciting areas of electronics. Students are given instruction and hands-on experiences in basic electronic circuitry, introduction to robotic circuits and operation, solar energy exploration, and magnetism and motor exploration. Students build skills in circuit reading and writing, electronic component identification and proper usage, and basic soldering techniques.

423	Robotics	2 Semesters	2 Credits	9 – 12

Prerequisite: Instructor Approval Required
During this course, students work as a team to design, build, test, and enter into competition a robot to F.I.R.S.T. specifications. All areas of business are covered from raising funds to designing and ordering promotional items. Extra-curricular time may be required. (This course may be taken more than once.)

430	Drafting I	2 Semesters	2 Credits	9 – 12

This is a basic drafting course covering the principles of mechanical drawing. (MathR, VPA)

431	Advanced Mechanical Drafting	2 Semesters	2 Credits	10 – 12

Prerequisite: 430 and/or administrative approval
An advanced drafting course, students should expect to complete projects using advanced level skills, resources, and techniques. This course may include an introduction and transition to computer-aided design (CAD) in 2D. (VPA)

432	Architectural Drafting	2 Semesters	2 Credits	10 – 12

Prerequisite: 430 and/or administrative approval

This is an architectural drafting course in which students are exposed to both residential and commercial construction. Students are required to complete projects using advanced level skills, resources, and techniques. This course may include an introduction to computer-aided design (CAD) in 2D. (VPA)

433	**Drafting – Independent Study**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 430, 431 or 432, and/or administrative approval
Students complete advanced projects in 2D using computer aided design (CAD) software. This course is individually designed for each student to reflect the specific area of interest (mechanical or architectural). (VPA)

Course Offerings

Math Department

It is strongly recommended that all students in Algebra I and higher own a graphing calculator. TI83 plus, TI84 plus, or TI84 plus silver are suggested.

Math – Related Credit
All courses contained in the Math Department meet the criteria for math-related MMC credit.

*Students interested in advancing beyond their grade level course must meet specific criteria in order to do so. See the counseling office for the specific requirements for advancement.

6522	**Math 6**	**2 Semesters**	**6**

This course is designed to cover essential concepts of sixth grade common core standards to prepare learners for Math 7. Throughout this course, students receive a basic introduction to algebra through writing, interpreting, applying and solving mathematical expressions and equations. Students increase their understanding of rational number operations. In addition, students study geometry, describing 3-dimensional shapes and their properties.

6523	**Advanced Math 6**	**2 Semesters**	**6**

This course is designed to explore essential concepts of sixth grade common core standards and beginning seventh grade standards. Students develop an understanding of algebra through writing, interpreting, applying and solving mathematical expressions and equations. In addition, students develop systematic ways to add, subtract, multiply, and divide positive and negative numbers. Students discover and analyze key properties of polygonal shapes.

6950M	**Guided Academics 6**	**1 Semester**	**6**

Guided Academics is a class designed to provide academic intervention in mathematics. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis using the academic MTSS requirements. As part of these interventions, formative and summative assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional mathematics classes.

7522	Math 7	2 Semesters	*6 – 7

This course is designed to cover essential concepts of seventh grade common core standards to prepare learners for Math 8. This course builds on Math 6 concepts. Students master real numbers and similarity, and are introduced to algebraic expression and equations, linear functions, fundamental geometry tools, and probability and statistics. Throughout this course, students use manipulatives, cooperative learning structures, and multi-media technologies to gain a better understanding of key seventh grade concepts.

7523	Advanced Math 7	2 Semesters	7

This course is designed to explore essential concepts of seventh grade common core standards and beginning eighth grade standards. Students master real numbers and similarity, further develop skills to write and solve algebraic expressions and equations, linear functions, fundamental geometry tools, and probability and statistics. In addition, students are introduced to nonlinear functions and explore the Pythagorean Theorem, square roots, cube roots and irrational numbers.

Course Offerings

Math Department

7950M	Guided Academics 7	1 Semester	7

Guided Academics is a class designed to provide academic intervention in mathematics. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis using the academic MTSS requirements. As part of these interventions, formative and summative assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional mathematics classes.

7555	Amusement Park Math	1 Semester	7

Want to design a rollercoaster or amusement park? This elective course provides that opportunity as well as managing a park. Decisions on operating hours, costs, and concessions to make the amusement park a success are also part of the course. Additional 7th grade standards are reinforced and practiced as they relate to rollercoaster data.

8522	Math 8	2 Semesters	*7 – 8

Students engage in lessons designed to obtain understanding of common core standards aligned with eighth grade level mathematics expectations. This course is designed for students on grade level expectations and preparing for entry into Algebra I. Students use manipulatives, graphing calculators, cooperative learning structures, and multimedia technologies to gain a better understanding of eighth grade pre-algebra common core standards. Topics covered include real numbers, algebraic expressions and equations, an introduction to linear functions, fundamental geometry tools, and an introduction to probability and statistics.

8950M	Guided Academics 8	1 Semester	8

Guided Academics is a class designed to provide academic intervention in mathematics. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis

using the academic MTSS requirements. As part of these interventions, formative and summative assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional mathematics classes.

530	**Algebra I**	**2 Semesters**	**2 Credits**	***6 – 9**

530A This course contains content in the following areas: rules of operations, properties of numbers, evaluating and simplifying algebraic expressions, solving equations, and graphing linear equations, writing linear equations, and graphing and solving linear inequalities. (NCAA)

530B This course contains content in the following areas: systems of equations and inequalities, properties of exponents, operations of polynomials, factoring and solving polynomials, quadratic equations and functions, and simplifying radicals. (NCAA)

Course Offerings

Math Department

532	**Algebra II**	**2 Semesters**	**2 Credits**	***8 – 12**

Prerequisite: 533 and/or administrative approval
532A This course contains content in the following areas: equations and inequalities, linear equations and inequalities, systems of linear equations and inequalities, matrices, quadratic functions, and polynomial functions. (NCAA)

532B This course contains content in the following areas: powers, roots, radicals, exponential and logarithmic functions, rational equations and functions, quadratic relations, and probability and statistics. (NCAA)

533	**Geometry**	**2 Semesters**	**2 Credits**	***7 – 10**

Prerequisite: 530 and/or administrative approval
533A This course contains content in the following areas: basic geometric terms, logic, proof, triangle congruence, parallel and perpendicular lines, lines in space, Pythagorean Theorem, and special right triangles. (NCAA)

533B This course contains content in the following areas: polygons, properties of quadrilaterals, triangle similarity, trigonometric ratios, circles, areas of polygons, surface area and volume, and basic constructions. (NCAA)

539	**Honors Algebra II**	**2 Semesters**	**2 Credits**	**8 – 10**

Prerequisite: 533 and/or administrative approval. This course is accelerated in pace in preparation for students to take 542 (AP Calculus AB), 543 (AP Statistics), or 545 (AP Calculus AB) before graduation.
539A This course contains content in the following areas: equations and inequalities, linear equations and inequalities, systems of linear equations and inequalities, matrices, quadratic functions, and polynomial functions. (NCAA)

539B This course contains content in the following areas: powers, roots, radicals, exponential and logarithmic functions, rational equations and functions, quadratic relations, probability and statistics, sequences and series, and conic sections. (NCAA)

950	**Guided Academics 9-12**	**1 Semester**	**1 Credit**	**9 – 12**

950M = Math
Prerequisite: Recommendations from two or more of the following: Teacher/Counselor/Administrator
Guided Academics is a class designed to provide academic intervention in mathematics. Learners are provided with targeted academic interventions and monitored for progress on an ongoing basis using academic MTSS requirements. As part of these interventions, formative and summative assessments are administered to monitor progress, determine next instructional needs for interventions and Tier 1 supports, and to determine when proficiency is achieved. Instruction will support the concepts and skills that are learned in the traditional math classes and promote success in the Michigan Merit Curriculum. This course may be repeated for credit.

Course Offerings

Math Department

540	**Probability/Statistics**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: 530 and/or administrative approval
540A This is a college preparatory course that contains content in data collection and sampling techniques, data organization, graphs, central tendencies, measures of position, sample spaces, probability and counting rules, discrete probability, binomial distribution, normal distribution, and central limit theorem. (NCAA)

540B This is a college preparatory course that contains content in confidence intervals, hypothesis testing, two parameter testing, correlation and regression, variance analysis, and chi-square. Students will also complete a statistical research and analysis project. (NCAA)

541	**Pre-Calculus/Trigonometry**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: 539 or 532 and/or administrative approval
541A This course contains the following content that prepares for calculus: graphing, analyzing, solving and transformations of functions (including exponential, logarithmic, quadratic, polynomial, and rational) inverse functions, composite functions, and complex numbers. (NCAA)

541B This course contains the following content that prepares for calculus: trigonometry equations, trigonometry identities, analytic trigonometry, law of sines, law of cosines, vectors, sequences, and series. (NCAA)

542	**AP Calculus AB**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: 541 and/or administrative approval

542A Students study limits and their properties as well as how to find derivatives using the symmetric difference quotient, power rule, chain rule, product rule, and quotient rule. They learn to find the value of a definite integral by counting squares and the trapezoidal method and study displacement, velocity and acceleration. Students learn to find the derivative of the trigonometric and inverse trigonometric functions and to implicitly differentiate relations. In addition, they learn about continuity and differentiability, how to find area using Riemann sums and the formal definitions of antiderivative, definite integral, and indefinite integral. Finally, students learn the Mean Value Theorem, Rolle's Theorem, and the Fundamental Theorem of Calculus. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

542B Students learn to find the antiderivative of the reciprocal function using natural logarithms. They learn to find the derivatives of logarithmic functions. Students learn L'Hospital's Rule and about exponential growth and decay for read world applications. They solve differential equations using slope fields and learn the calculus of plane and solid figures. They learn about critical points, points of inflection, and relative maxima and minima. They learn to find the area of a plan region, volume of a solid by plane slicing. In addition, the length of a plan curve and the area of a surface of revolution. Finally, they learn to solve related rate and minimal path problems. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

543	**AP Statistics**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 539 or 541 and/or administrative approval

543A Students learn to organize data by looking for patterns and departures from patterns and to display distributions with graphs and describe distributions with numbers. They study density curves, normal distributions, and standard normal calculations and examine relationships through scatter plots, correlation and least squares regression lines. Students model nonlinear relationships, interpret correlation and regression, and study relations in categorical data as well as learn to produce data by designing samples and experiments, and simulating experiments. Finally, they study probability, which includes randomness and probability models. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

543B Students study means and variances of random variables and about discrete and continuous random variables. They learn about binomial and geometric distributions, sampling distributions, proportions, and means and are introduced to inference by using inference for distributions, proportions, tables and regression. Finally, they learn to estimate with confidence, use significance

tests, infer for the mean of a population, and test for goodness of fit. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

545	**AP Calculus BC**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 541 or 542 and/or administrative approval
*Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics. AP credit earned by a passing score on the AP Calculus BC test in the spring will grant students credit in Calculus 1 and 2(+), along with a subscore of Calculus 1. (+) Dependent upon individual university policies

545A All topics in AP Calculus AB and additional topics including optimization, Euler's method, antiderivatives by substitution, antiderivatives by partial fraction decomposition, L'Hospital's rule, and improper integrals. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

545B All topics in AP Calculus AB and additional topics including differentiation and integration of parametric, polar, and vector functions, and other additional topics including: sequences, infinite series, and Taylor Series with polynomial approximation. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

555	**Algebra III with Trig**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 533 and 532 and/or administrative approval
555A This course is designed for the college bound student who is not likely to major in mathematics or science. This course also serves as a bridge to pre-calculus, for those students who are not quite ready for it. Topics include: logical reasoning, solving and graphing, linear and quadratic equations, systems of equations, and inequalities. It also includes polynomial expressions, radical expressions. (NCAA)

555B This course is designed for the college bound student who is not likely to major in mathematics or science. This course also serves as a bridge to pre-calculus, for those students who are not quite ready for it. Topics include: triangle trigonometry, circle trigonometry, exponential and logarithmic functions, combinations, and the applications of special right triangles. (NCAA)

Course Offerings

Music Department

Students enrolled in vocal or instrumental music classes will be required to participate in all concerts, festivals and other scheduled evening and weekend activities.

6600	**6th Grade Band**	**2 Semesters**	**6**

6th Grade Band is a beginning middle school band course that meets daily for the full year. This class continues to develop the fundamentals of playing an instrument: tone production, embouchure, posture, breath control, reading notes and rhythms and musical terms. Students are introduced to a variety of music from classical to popular styles. They have the opportunity to perform as a band and in small ensembles. There are at least two performances throughout the year. Band is a year long commitment.

7601	**7th Grade Band**	**2 Semesters**	**7**

7th Grade Band is an intermediate middle school band course that meets daily for the full year. This class continues to develop the fundamentals of playing an instrument: tone production, embouchure, posture, breath control, reading notes and rhythms and musical terms. Students are introduced to a variety of music from classical to popular styles. They have the opportunity to perform as a band and in small ensembles. There are at least two performances throughout the year. Band is a year long commitment.

8602	**Concert Band**	**2 Semesters**	**8**

Prerequisite: Enrollment by audition
The 8th Grade Concert Band performs at numerous concerts throughout the year and at MSBOA Band Festivals. Emphasis is placed on the fundamentals of music performance: ear training, sight-reading, and technical development. Members of the 8th Grade Concert Band may also participate in the high school Marching Band. (The Marching Band performs at all home varsity football games, various local parades, and festivals.) Students are also encouraged to perform at MSBOA Solo and Ensemble Festivals. (VPA)

8603	**8th Grade Symphony Band**	**2 Semesters**	**8**

Prerequisite: Enrollment by audition
The 8th Grade Symphonic Band performs at numerous concerts throughout the year and at MSBOA Band Festivals. Repertoire is of advanced difficulty for this age group. Members of the 8th Grade Symphonic Band may participate in the high school Marching Band. (The Marching Band performs at all home varsity football games, various local parades, and festivals.) Students are also encouraged to perform at MSBOA Solo and Ensemble Festivals. (VPA)

603	**9th Grade Concert Band**	**2 Semesters**	**2 Credits**	**9**

Prerequisite: Enrollment by audition
The 9th Grade Concert Band performs at numerous concerts throughout the year and at MSBOA Band Festivals. Emphasis is placed on the fundamentals of music performance: ear training, sight-reading, and technical development. Repertoire is of medium difficulty. Members of the 9th Grade Concert Band are encouraged to participate in the high school Marching Band. (The Marching Band performs at all home varsity football games, various local parades, and festivals.) Students are also encouraged to perform at MSBOA Solo and Ensemble Festivals. (VPA)

604	**9th Grade Symphony Band**	**2 Semesters**	**2 Credits**	**9**

Prerequisite: Enrollment by audition
The 9th Grade Symphonic Band performs at numerous concerts throughout the year and at MSBOA Band Festivals. Repertoire is of advanced difficulty for this age group. Members of the 9th Grade Symphonic Band are encouraged to participate in the high school Marching Band. (The Marching Band performs at all home varsity football games, various local parades, and festivals.) Students are also encouraged to perform at MSBOA Solo and Ensemble Festivals. (VPA)

600	Concert Band	2 Semesters	2 Credits	10 – 12

Prerequisite: Enrollment by audition
The Concert Band performs at numerous concerts throughout the year and at MSBOA Band Festivals. Emphasis is placed on the fundamentals of music performance: ear training, sight-reading, and technical development. Repertoire is of medium difficulty. Members of the Concert Band are encouraged to participate in the Marching Band. (The Marching Band performs at all home varsity football games, various local parades, and festivals.) Students are also encouraged to perform at MSBOA Solo and Ensemble Festivals. (VPA)

601	Symphony Band	2 Semesters	2 Credits	10 – 12

Prerequisite: Enrollment by audition
The Symphony Band performs numerous concerts throughout the school year and at MSBOA Band Festivals. Repertoire is of advanced difficulty, and thus, a certain level of technical proficiency is expected. Members of the Symphony Band are encouraged to participate in the Marching Band. (The Marching Band performs at all home varsity football games, various local parades, and festivals.) Students are also encouraged to perform at MSBOA Solo and Ensemble Festivals. (VPA)

602	Jazz Band	2 Semesters	2 Credits	9 – 12

Prerequisite: Enrollment by audition
This elective course is designed to develop an understanding of the nature, structure and meaning of the jazz idiom through the rehearsal and performance of advanced jazz literature. This course provides for increasing skill in jazz ensemble performance. The jazz band performs numerous concerts throughout the school year. Repertoire is of advanced difficulty, and thus, a certain level of technical proficiency is expected. Members must also be a member of the Concert or Symphony Band. Instrumentation is limited to standard 17-piece jazz band: 5 saxes, 5 trombones, 4 trumpets, and rhythm section (piano/bass/drums/guitar). Additional players are included at the discretion of the director. **Jazz Band will only be offered at zero hour.** (VPA)

605	Wind Ensemble	2 Semesters	2 Credits	10 – 12

Prerequisite: Enrollment by audition
Wind Ensemble consists of the most advanced instrumentalists in the band program. Membership is by audition only. The ensemble performs numerous concerts each year. This band offers advanced students the opportunity for continued musical growth. The band strives for the highest musical standards possible and constantly seeks improvement. After school sectionals, rehearsals and performances are required. Grades are based on attitude, participation and individual performance. Students in Wind Ensemble are encouraged to take private lessons during the course of the year and participate in solo and ensemble. Members are also encouraged to participate in the Marching Band. (The Marching Band performs at all home varsity football games, various local parades, and Festivals.) (VPA)

Course Offerings

Music Department

6615	6th Grade Choir	1 - 2 Semesters	6

This course introduces students to proper singing techniques, including posture, breath management, and tone. Students are also introduced to the basics of music reading, terminology, and sight-singing. Students gain confidence in singing alone and with others. A variety of musical styles are sung, in

unison and two-parts, and are performed at one concert during the year. This class is a non-auditioned group.

7607	**7th Grade Choir**	**1 - 2 Semesters**	**7**

This course introduces students to proper singing techniques, including posture, breath management, and tone. Students are also introduced to the basics of music reading, terminology, and sight-singing. Students gain confidence in singing alone and with others. A variety of musical styles are sung, in unison and two-parts, and are performed at one concert during the year. This class is a non-auditioned group.

8607	**8th Grade Choir**	**2 Semesters**	**8**

This full year choir is open to 8th grade students interested in applying concepts learned in previous choirs. Students perform at the Michigan School Vocal Music Association's Choral Festival in the spring, and perform in a minimum of three concerts during the school year.

8608	**8th Grade Advanced Choir**	**2 Semesters**	**8**

This full year choir is open to 8th grade students interested in applying concepts learned in previous choirs in a more advanced setting, as well as performing music that is at a greater difficulty level. Students perform at the Michigan School Vocal Music Association Choral Festival in the spring, and perform in a minimum of three concerts during the school year.

614	**9th Grade Advanced Choir**	**2 Semesters**	**2 Credits**	**9**

This full year choir is open to 9th grade students interested in applying concepts learned in previous choirs in a more advanced setting, as well as performing music that is at a greater difficulty level. Students perform at the Michigan School Vocal Music Association choral festival in the spring, and perform in a minimum of three concerts during the school year.

610	**Treble Choir**	**2 Semesters**	**2 Credits**	**10**

Treble Choir is designed to allow high school females, with previous ensemble experience, to participate in a formal vocal ensemble**.** Breathing, tone production, vocal health, and musicianship are the focus of instruction in this ensemble. Students participating in this course should have a basic understanding of musical notation and terminology. This group studies and performs a wide variety of styles of music: classical (including a variety of foreign language texts), folk, pop, jazz, and multi-cultural. Students are required to participate in performance opportunities, during and outside of the school day that support and extend the learning in the classroom. These performances include all major vocal music department performances and MSVMA choral festivals. Treble Choir is a full year commitment. (VPA)

611	**Choir**	**2 Semesters**	**2 Credits**	**9 – 12**

Choir is available for both male and female students who are interested in learning more about singing and vocal performance. Students learn musical skills for ensemble singing, which include: proper breathing, proper vocal production, blend and balance, expansion of range, good intonation, ear training, sight-reading, and musicianship. Students are required to participate in performance opportunities, during and outside of the school day that support and extend the learning in the classroom. These performances include all major vocal music department performances and MSVMA choral festivals. Various styles of choral literature will be explored. Choir is a full year commitment. (VPA)

612	**Honors Choir**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: Enrollment by audition only

Honors Choir is a highly select vocal ensemble of male and female singers. An audition and recommendation from the choral director are required for admittance in this choir. Being a select group of the most talented students in the vocal music program, students find this course to be intellectually and musically challenging. This group studies and performs complex choral literature selected from a variety of periods in music history. Advanced singing techniques, sight reading, theory, aural training, and musical dictation will be emphasized. This group participates in all major vocal music department performances, including MSVMA choral festivals. Individuals may be chosen to participate in MSVMA solo/ensemble festivals and honors choir. (VPA)

616	**Show Choir**	**2 Semesters**	**2 Credits**	**9 – 12**

This elective course is designed for select male and female students of various levels. Students learn more pop and jazz based music and how to improve their voice and tone, as well as learn choreography and performance techniques. Students are required to participate in performance opportunities, during and outside of the school day that support and extend the learning in the classroom. These performances include all major vocal music department performances and MSVMA choral festivals. Show Choir is a full year requirement. **This class is only offered Zero Hour.** (VPA)

615	**Music Theory and History**	**2 Semesters**	**2 Credits**	**9 – 12**

This course is designed for students who are interested in learning more about music theory and history. Part of this course focuses on music theory and continued development of reading and understanding music terminology. Another aspect of this class focuses on music history and appreciation. Students receive knowledge and appreciation of the history of Western music beginning in Medieval times through the Renaissance, Baroque, Classical, Romantic and Contemporary periods. Students should have a basic understanding of reading music to be enrolled. (VPA)

618A&B	**Music Exploration**	**2 Semesters**	**2 Credits**	**6 – 12**

Students complete assignments in a virtual environment including listening reflections, a practice journal, introduction to the instruments of the band and orchestra, a final portfolio project, and more. This course requires hands-on learning alongside virtual lessons.

Students enrolled in physical education classes are required to dress in gym clothes and participate each day.

6650	**Physical Education 6**	**Full Year – Rotating Day**	**6**

Students explore a variety of topics relating to physical fitness and physical activity. Students are expected to dress for class and participate each day. Numerous sports and games are introduced with an emphasis on skills, teamwork and improvement throughout the year. Demonstrating healthy habits that promote physical fitness as well as promoting team cooperation and sportsmanship are emphasized.

7653	**Physical Education 7/Health**	**Full Year – Rotating Day**	**7**

Physical education introduces students to team and individual activities with emphasis placed on knowledge of the sport, skills, sportsmanship, lifetime value, attitude, coordination and physical fitness. Students are evaluated on attendance, participation, skills, and written tests. Students are expected to dress for class and participate each day. The goals of health education are to help students make wise decisions pertaining to their health and to help them attain and utilize their highest potential for the betterment of self, family and community. Topics include disease prevention and control, personal health practices, nutrition, growth and development, substance use and abuse, and other related topics.

8650	**8th Grade Physical Education**	**1 Semester**	**8**

8th Grade Physical Education (PE) is a class based in sport and fitness. Fundamentals, rules, strategy, leadership and sportsmanship will be stressed in each sport unit. 8th grade PE sport units involve less drill and practice and more tactical strategy/games/tournaments than 6th and 7th grade PE. The physical fitness component includes regular strength training, flexibility, and cardiovascular endurance activities. At the conclusion of the semester students are able to set and attain meaningful fitness goals. Students value physical fitness and participate in fitness activities outside of class as a result of successful completion of 8th grade PE. This class also serves as a bridge from 7th grade PE to 9th grade PE.

8670	**Personal Fitness**	**1 Semester**	**8**

This course provides students the opportunity to enhance their learning of personal fitness concepts and principles. The focus is the development of fitness knowledge, principles, strategies and skills; along with positive nutrition concepts and principles. Units of activity include physical fitness (activities include hiking, walking, dance revolution, light strength training, aerobics, circuit training, cross country skiing); and cooperative activities which include noncompetitive games. Technology is also incorporated into the course through the use of heart rate monitors and DDR. Students are expected to document their progress throughout the course.

650	**Physical Education**	**1 Semester**	**1 Credit**	**9**

Emphasis in this class is placed on introductory sports, recreational games and developing athletic skills. Daily physical fitness is stressed with periodic assessments conducted. Both physical skills tests and written tests are administered for each sport unit. Students are expected to dress and participate with a positive attitude.

651	Health	1 Semester	1 Credit	9 - 12

Health class includes the study of body systems, physical well-being, and healthful living practices.

Course Offerings Physical Education/Health Dept.

652	Lifetime Fitness I	1 Semester	1 Credit	9 – 10

This course is a personal fitness class designed for the student who prefers non-competitive sports, activities and atmosphere. Emphasis is placed on baseline testing of one's personal fitness level and a show of improvement in 4 out of 5 aspects of healthy fitness. There are written tests and physical skills tests over the sports and activities taught throughout the semester. The class is open to all 9th & 10th grade students who are willing to work hard to improve their level of fitness through game activity, sports, cardiovascular workouts and weight lifting. Fitness journals and weight lifting logs may be required and graded. Students are expected to dress daily and participate with a positive attitude.

660	Advanced Physical Education	1 Semester	1 Credit	10 – 12

Competitive team and individual sports/games/activities are stressed in Advanced PE. Physical fitness assessments, along with written and physical skills tests are conducted each marking period. There is an opportunity to improve sport skills and overall body conditioning. Being a squad leader and captain can help develop leadership skills. This course may be repeated but not taken concurrently with 670 or 650. This course may be repeated for credit.

670	Physical Conditioning	1 Semester	1 Credit	10 – 12

This course provides students an opportunity to improve their overall physical conditioning and athletic skills to assist in reaching an individual's maximum physical potential. This is accomplished by a variety of physical and skill related activities, tailored to meet an individual's specific needs. This course cannot be taken concurrently with 650, 660, 673, 675. This course may be repeated for credit.

673	Athletic Enhancement	1 Semester	1 Credit	10 – 12

This course focuses on personal weight training programs based on sport specific programs and training for sport performance with the aid of coaching staffs. This course also integrates character development and leadership as a part of the curriculum. Plyometric and cardiovascular speed are integral components of this course as well. Students benefit from weight training and cardio-respiratory endurance activities and core training. Students are empowered to make appropriate choices, meet challenges, and develop positive behaviors for a healthy active lifestyle.

675	Female Physical Conditioning	1 Semester	1 Credit	10 – 12

This course provides female students an opportunity to learn how to tone and sculpt their body using a variety of exercises, techniques and programs. Students learn and apply health-related concepts, proper nutrition and physiology. Students learn and are able to perform correct technique for numerous types of lifts and exercises. Cardiovascular conditioning is also included as well as individual fitness assessments. This course may be repeated for credit.

Course Offerings

Science Department

In today's world, knowledge of science is necessary to better understand the world. It is required that students take three years of science. Classes are offered at levels of instruction parallel to the student's needs and goals.

*Students interested in advancing beyond their grade level course must meet specific criteria in order to do so. See counseling office for the specific requirements for advancement.

6700	**Science 6**	**2 Semesters**	**6**

This hands-on inquiry based course focuses on four science units throughout the year: Energetic Connections, The Planet Rock, Earth: Yesterday, Today & Tomorrow, and Energy in an Ecosystem.

6730	**PLTW Science 6**	**2 Semesters (2 Hour Block – Zero Hour)**	**6**

Students engage in a rigorous program of coursework that includes topics currently covered in 6th grade science classes. In addition to these regular units of study, students also go through Foundation Units of study from Project Lead the Way (PLTW) including the following

- **Automation and Robotics (AR)**
  - Students trace the history, development, and influence of automation and robotics. They learn about mechanical systems, energy transfer, machine automation and computer control systems. Students use a robust robotics platform to design, build and program a solution to solve an existing problem.
- **Design and Modeling (DM)**
  - In this unit, students begin to recognize the value of an engineering notebook to document and capture their ideas. They are introduced to and use the design process to solve problems and understand the influence that creative and innovative design has on our lives. Students use industry standard 3D modeling software to create a virtual image of their designs and produce a portfolio to showcase their creative solutions.

7700	**Science 7**	**2 Semesters**	**7**

This hands-on inquiry based course focuses on four science units throughout the year: Energy Effects, Chemical Properties, Solar Energy and Cells, Cell Division and Photosynthesis.

7730	**PLTW Science 7**	**2 Semesters (2 Hour Block)**	**7**

Prerequisite: 6730

Students engage in a rigorous program of coursework that includes topics currently covered in both 7th and 8th grade science classes. In addition to these regular units of study, students also go through Foundation Units of study from Project Lead the Way (PLTW) including the following:

- **Flight and Space (FS)**
  - This course continues the PLTW experience and provides solid experiential science learning through inquiry for those students heavily invested in science who wish to pursue further study in high school. Students explore the science behind the aeronautics and use their knowledge to design, build, and test an airfoil. Custom-build simulations software allows students to experience space travel.

- **Medical Detectives (MD)**
  - Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a “crime scene.” They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

Course Offerings

Science Department

8710	**Science 8**	**2 Semesters**	**8**

This hands-on inquiry based course focuses on the four components of Earth Science: Earth Systems, The Solid Earth, The Fluid Earth, and Earth in Space & Time.

8730 8731	**PLTW 8 Elective**	**2 Semesters (1 Hour Block)**	**8**

Students engage in a rigorous program of coursework that includes topics currently covered in 8th grade science classes. In addition to these regular units of study, students also go through Foundation Units of study from Project Lead the Way (PLTW) including the following:

- **App Creators (AC)**
  - This unit exposes students to computer science as a means of computationally analyzing and developing solutions to authentic problems through mobile app development, and conveys the positive impact of the application of computer science to other disciplines and to society.
- **Computer Science for Innovators and Makers (IM)**
  - Throughout the unit, students learn about programming for the physical world by blending hardware design and software development, allowing students to discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects.

8730	**App Creators (PLTW)**	**1 Semester**	**8**

This unit exposes students to computer science as a means of computationally analyzing and developing solutions to authentic problems through mobile app development, and conveys the positive impact of the application of computer science to other disciplines and to society. This semester course can be taken as an elective.

8731	**Computer Science for Innovators and Makers (PLTW)**	**1 Semester**	**8**

Throughout the unit, students learn about programming for the physical world by blending hardware design and software development, allowing students to discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects. This semester course can be taken as an elective.

720	**Biology I**	**2 Semesters**	**2 Credits**	**8 – 10**

This is a detailed study of the essential concepts of biology including cell structure and functions, cell division, cellular reproduction and inheritance, ecology, and the history of life on Earth. (NCAA)

726	**Life Science**	**2 Semesters**	**2 Credits**	**9 – 12**

Prerequisite: Counselor/department approval
This is an introduction to the essential concepts of biology including cell structure and functions, cell division, reproduction and inheritance, and diversity of life. Successful completion of this course meets the MMC biology science systems.

721	Human Anatomy/Physiology	2 Semesters	2 Credits	9 – 12

Prerequisite: 720 or 772
A detailed study of human anatomy and physiology including body orientation, histology, musculature, the skeletal system, the nervous, circulatory, digestive, respiratory, urinary and reproductive systems. Specimen dissections are required for all body systems. (NCAA)

Course Offerings

Science Department

724	AP Biology	2 Semesters	2 Credits	10 – 12

Prerequisite: 730 or 731 and/or administrative approval
This course is designed to be the equivalent of college introductory biology courses addressing the topics regularly covered in college biology courses for science majors. Out of class reading is mandatory and laboratory skills are essential. This course is a detailed study of essential concepts in biology including ecology, cell biology, biochemistry, energy, genetics, biotechnology, and evolution. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

727	Forensic Chemistry	2 Semesters	2 Credits	10 – 12

This course has been designed to be a general study of chemistry through a forensic science approach. Students learn about basic qualitative chemistry concepts from Chemistry I, as well as general forensic topics such as evidence collection and analysis, chemical evidence, and drug and addiction chemistry, chemistry of explosives, nuclear terrorism, poisons, and identification of victims. (Students who desire to pursue a career in science related fields such as medicine, pharmacy, veterinary medicine, or engineering or who plan to earn a bachelor of science degree and need to pursue a more rigorous curriculum should enroll in Chemistry I.) (NCAA)

730	Chemistry I	2 Semesters	2 Credits	9 – 12

Recommended completion or concurrent enrollment in Geometry
This is a detailed study of the essential concepts including atomic structure, periodicity, bonding, chemical change, stoichiometry, heat, gases, solutions, acids and bases, nuclear chemistry, energy, geochemistry, and climate chemistry. (NCAA)

731	AP Chemistry	2 Semesters	2 Credits	10 – 12

Prerequisite: Administrative approval
Recommended completion or concurrent enrollment in Algebra II
This course is designed to be the equivalent of college introductory chemistry courses addressing the topics regularly covered in college chemistry courses for science majors. Out of class reading is mandatory, and laboratory skills are essential. This course is a detailed study of essential concepts in chemistry including stoichiometry, thermodynamics, gases, kinetics, equilibrium, acids and bases, and bonding. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

740	Physics	2 Semesters	2 Credits	9 – 12

Recommended completion of Algebra I
This course is a detailed study of concepts and problem solving skills involving forces, motion, gravitational forces, circular motion, energy, waves, space, and geophysics. (MathR, NCAA)

743	Forensic Physics	2 Semesters	2 Credits	9 - 12

Recommended completion or concurrent enrollment in Algebra I
This course is a detailed study of concepts and problem solving skills involving forces, motion, gravitational forces, circular motion, energy, waves, space, and geophysics. This course takes a forensic approach to studying basic physics concepts. (MathR)

Course Offerings

Science Department

745	Conceptual Physics	2 Semesters	2 Credits	12

This course is part of the Capstone Program at CFI. The goal of this course is to help the student develop a better understanding of the concepts of physics. This is an inquiry type class which focuses on problem solving and critical thinking, blending science and math. Units within the course are Measurement & Experimentation, Motion & Forces, Gravity & Projectiles, Circular Motion, Energy, Momentum, and Waves. (MathR)

747	AP Physics	2 Semesters	2 Credits	10 – 12

Prerequisite: Administrative approval
Recommended completion or current enrollment in Pre-Calculus
This course is a full year course option for students pursuing an interest in advanced physics. Students learn to analyze and apply concepts as well as formulate answers to complex physics scenarios including topics such as kinematics, Newton's Laws of Motion, gravitation, circular motion, work, energy, power, linear momentum, torque and rotational motion, simple harmonic motion, waves, sound, electrostatics and simple electric circuits. Students are strongly encouraged to take the Advanced Placement Exam. (MathR, NCAA)

761	Environmental Science	2 Semesters	2 Credits	10 – 12

Prerequisite: 720 A&B
Environmental Science is a curriculum that is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which we live. As an expanding field, this two-semester course offers compelling lessons that cover many different aspects of the environment: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas throughout both semesters. (NCAA)

765	AP Environmental Science	2 Semesters	2 Credits	10 – 12

Prerequisite: 730 A&B and/or administrative approval

This Advanced Placement course is equivalent to an introductory college course in environmental science. Students should be highly motivated with an above average interest in the subject. This year long class encompasses a detailed study of essential key theories, as well as concepts of environmental change, human population, biochemical cycles, ecosystems, biodiversity, biological productivity, energy flow, biological restoration, and agricultural production. They also learn about environmental effects of agriculture, renewable and nonrenewable resources, land, water, pest, and waste management, environmental health, pollution, and toxicology. Students make monthly visits to Skinner Lake Outdoor Education Center as part of their growth and enrichment as they focus on many labs and activities with real world application. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

770	**PLTW – Introduction to Engineering and Design (IED)**	**2 Semesters**	**2 Credits**	**8 – 12**

Prerequisite: Concurrent or completion of 530 preferred
The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. (MathR)

Course Offerings

Science Department

772	**PLTW – Principles of Biomedical Sciences**	**2 Semesters**	**2 Credits**	**8 – 10**

In the introductory course of the Biomedical Sciences program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, ecology, and evolution, medicine, and research processes while allowing them to design their own experiments to solve problems. Students interested in the medical field are able to complete this course instead of Biology to meet their life science requirement.

774	**PLTW - Principles of Engineering (POE)**	**2 Semesters**	**2 Credits**	**9 – 12**

Prerequisite: Completion of 530 and/or administrative approval
This is a core, broad based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Students use engineering and scientific concepts along with problem solving skills to apply their knowledge of research and design to create solutions to various challenges. Topics include mechanisms, energy sources and applications, renewable energy, statics, material properties and testing, structural design, machine control, fluid power, statistics, kinematics, and geoscience. This course can meet the Physics requirement for those students interested in engineering. (MathR)

773	**PLTW – Engineering Design and Development (EDD)**	**2 Semesters**	**2 Credits**	**10 - 12**

Prerequisite: Completion and/or concurrent enrollment in IED and POE or administrative approval

This is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process. The EDD student is challenged with finding and warranting a suitable question to answer or problem to tackle. The EDD course should be taken as a culminating course in the 11th or 12th grade because it applies the knowledge and skills from the Project Lead the Way foundation courses in solving an identified technical problem.

775	**PLTW – Human Body Systems**	**2 Semesters**	**2 Credits**	**9 - 12**

Prerequisite: 720 or 772
Students examine the interactions of human body systems as they explore and identify power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal manikin; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Course Offerings

Science Department

777	**PLTW – Medical Interventions**	**2 Semesters**	**2 Credits**	**10 - 12**

Prerequisite: 721, 775. This course would continue the PLTW biomedical science sequence by adding in a third year to the curriculum.

Medical Interventions (MI) allows students to investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. A “How-To” manual for maintaining overall health and homeostasis in the body, the course explores how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose, and treat cancer, and how to prevail when the organs in the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. These interventions are showcased across the generations of the family and provide a look at the past, present, and future of biomedical science.

778	**PLTW – Biomedical Innovations**	**2 Semesters**	**2 Credits**	**11 - 12**

Prerequisite: 777
In this culminating course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health.

They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

Course Offerings

Social Studies Department

6800	Social Studies 6	2 Semesters	6

Sixth grade students explore the tools and mental constructs used by historians and geographers. They develop an understanding of Ancient World History, Eras 1 – 3, of the Western Hemisphere and study contemporary geography of the Western Hemisphere. Contemporary civics/government and economics content is integrated throughout the year. As a capstone, the students conduct investigations about past and present global issues. Using significant content knowledge, research, and inquiry, they analyze an issue and propose a plan for the future. As part of the inquiry, they compose civic, persuasive essays using reasoned argument.

7800	Social Studies 7	2 Semesters	7

Seventh grade students experience a full year of world history and geography covering historical thinking as well as World History Eras 1 – 4. This includes human beginnings, early and classical civilizations, and comparative world religions from the beginnings in BCE to 1500 CE.

8810	Social Studies 8	2 Semesters	8

This course is a chronological overview of United States history from Colonization through Reconstruction. Areas of study include the struggles for independence, the foundations and principles of self government, development of regional differences, slavery and its effects, the Civil War, and America's place in the world in relationship to economics and politics.

825	World History	2 Semesters	2 Credits	9

This course is a chronological overview of world history from prehistory up to the 20th century. World history is required for all ninth grade students. (NCAA)

828	AP World History	2 Semesters	2 Credits	9 – 12

Prerequisite: Administrative approval

This is an advanced placement course meant to be the equivalent of a freshman college course. Successful completion may earn students college credit. Self-motivation, excellent reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents and historiography. The period from prehistory to the modern world is covered. This course is designed to prepare students for the AP exam in May. A student may take this to fulfill their required world history credit or as a social studies elective. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

840	Current Events	1 Semester	1 Credit	11 – 12

This class is designed to provide students with the opportunity to discuss, understand, and explore local, national, international, social and political issues in a respectful, meaningful and active way. Throughout the term, students stay up to date on current issues and trends, and explore informational text on a daily basis.

845	Civics	1 Semester	1 Credit	10

This course provides students with an understanding of our American government. During this course students analyze, synthesize, evaluate, compare, contrast, and argue – using political and civics habits of mind. Students examine alternative forms of government, the nature of civic life, the origins of American constitutional government and the structure and functions of our government, the United States and the implementation of US foreign policy, citizenship in America, and our legal system. (NCAA)

846	Economics	1 Semester	1 Credit	10

This class includes a detailed overview of basic economic concepts in America. The market economy, national economy, international economy and personal finance are addressed by this course. Students gain “economic literacy” which is important for becoming citizens in our increasingly interconnected world. (NCAA)

851	US History (1877 – Present)	2 Semesters	2 Credits	11

This class provides a chronological overview of US history from the 1890s, which includes: the Progressive Era, WWI, the Twenties, the Great Depression, the New Deal, WWII, the Cold War, the civil rights struggle, and the Vietnam War. (NCAA)

853	AP United States History	2 Semesters	2 Credits	11 – 12

Prerequisite: Administrative approval

This Advanced Placement course is meant to be the equivalent of a freshman college course whose successful completion may earn students college credit. Self-motivation, excellent reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents and historiography. The period from Colonization through Reconstruction is covered followed by the Industrial Age to the 1960s, ending with an analysis of US History up through the present day. Topics of interest are Civil Rights struggle, President Kennedy, Watergate, the 1970s, Persian Gulf War, and America as it is today. Also, a considerable amount of time is spent to review and prepare for the AP exam during the last semester. After the AP exam several projects and simulations occur in this class. A senior may take this course as a social studies elective credit. Summer work may be assigned for this course. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

862	**AP US Government and Politics**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: Administrative approval

This Advanced Placement course gives students an analytical perspective on government and politics in the United States. Focus is placed on the Constitution, the complexities of the federal government, our "political culture," the effects public opinion has on our government, on political participation, our two-party system, elections and campaigns, interest groups, the role of the media, the roles and organization of Congress, the presidency and the judicial branch, economic policy, social programs, civil liberties, and public policy. Summer work may be assigned for this course. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

869	**AP Psychology**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: Administrative approval

This Advanced Placement course is equivalent to an introductory college course in psychology. Students should be highly motivated with an above average interest in the subject. The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Topics included in this course include: introduction and methods, behavioral neuroscience, sensation and perception, consciousness, learning, memory, thought and language, motivation and emotion, human development, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology. Also, included in this class will be extensive review of the year's work, along with simulated AP Exams with special emphasis on the

free response portion of the exam. Summer work may be assigned for this course. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

870	Psychology	1 Semester	1 Credit	11 – 12

An introductory course designed to provide students with information that they will use in a college psychology course. This is a discussion-based course studying human behavior. A few of the specifics include: research techniques, consciousness, sleep, dreams, development, personality, and abnormal psychology. Tenth grade students are considered with current World History instructor approval. (NCAA)

871	Sociology	1 Semester	1 Credit	11 – 12

An introductory course designed to provide students with information that they will use in a college sociology course. This is a discussion-based course studying group behavior. A few of the specifics include: culture, the social class system, deviance, family, religion and sport. Tenth grade students are considered with current World History instructor approval. (NCAA)

877A	Criminology A	1 Semester	1 Credit	11 – 12

Students may enroll in either section of Criminology for 1 semester – Students may take the A and B in any order.
This course is designed to teach students of criminal justice the fundamental tried-and-true concepts of an evolving discipline and to give them the critical-thinking skills necessary to effectively apply those concepts to the real world. This term focuses on the crime picture, the search for causes, and police management and the legal system. Students have opportunities to participate in discussions with the legal community and members of law enforcement agencies. (NCAA)

877B	Criminology B	1 Semester	1 Credit	11 – 12

This course is designed to teach students of criminal justice the fundamental concepts of an evolving discipline and to give them the critical-thinking skills necessary to effectively apply those concepts to the real world. This term concentrates on the functions of the courts, sentencing in terms of both philosophy and practice, the development of probation, parole, community corrections, imprisonment, the juvenile justice system and special topics such as drugs, gangs, terrorism and the opportunities and threats that technology represents to the justice system. Opportunities to participate in discussions with the legal community and members of law enforcement agencies and corrections are also be made available. (NCAA)

Course Offerings

Social Studies Department

880	American Wars: Independence-Expansion	1 Semester	1 Credit	9 – 12

This course provides students with an opportunity to carefully examine the following American military conflicts of the 18th & 19th centuries: The French and Indian War, the American Revolution, War of 1812, early Native American conflicts, and the U.S. - Mexican War. Although military history is the major focus of the class, the social, economic and political history of the periods are also addressed. Various books, original sources, simulations, and other activities are used. Ninth and tenth grade students may request this class with current social studies teacher approval. (NCAA)

881	American Wars: Civil War-World War I	1 Semester	1 Credit	9 – 12

This course provides students with an opportunity to carefully examine the following American military conflicts of the 19th and 20th centuries: Civil War and Native American conflicts, Spanish-American War and WWI. Although military history is the major focus of the class, the social, economic and political history of the periods are addressed. Various books, original sources, simulations, and other activities are used. (NCAA)

882	American Wars: 20th Century and Beyond	1 Semester	1 Credit	9 – 12

This course provides students with an opportunity to carefully examine the following American military conflicts of the 20th century: WWII, Korea War, Vietnam, Desert Storm, War on Terror and potential wars. Although military history is the major focus of the class, the social, economic and political history of the periods are also addressed. Various books, original sources, simulations, and other activities are used. (NCAA)

883	The Civil Rights Movement	1 Semester	1 Credit	10 – 12

This course examines the Civil Rights Movement in the United States, focusing upon the period from 1954 to the mid-1980s. Students learn about significant persons and events of this timeframe, as well as explore the root causes and implications of racism, discrimination, and stereotyping. (NCAA)

886	American Sports History A	1 Semester	1 Credit	9 – 12

Students may take 886 or 887 in any order.
This course provides students with an opportunity to examine the history of American baseball, basketball, car racing, and boxing and the men and women who have profoundly affected the country's history and often society in general through the world of sports. From an American perspective, a historical analysis of each sport at the professional, collegiate and high school levels are examined. In addition to receiving a historical analysis of each sport, there is also an emphasis placed on examining how each sport has affected the economic, political and social aspects of American culture. (NCAA)

887	American Sports History B	1 Semester	1 Credit	9 – 12

Students may take 886 or 887 in any order.
This course provides students with an opportunity to examine the history of American football, hockey, volleyball, tennis, soccer and the men and women who have profoundly affected the country's history and often society in general through the world of sports. From an American perspective, a historical analysis of each sport at the professional, collegiate and high school levels will be examined. In addition, there is also an emphasis placed on examining how each sport has affected the economic, political and social aspects of American culture. (NCAA)

Course Offerings

Social Studies Department

888	Humanities I	2 Semesters	2 Credits	9 – 12

Humanities is the study of Western and Eastern Civilizations from a creative and cultural point of view, with emphasis on art, music, architecture, religion, family structure, literature, and theatre. During Humanities I, Prehistory, Ancient Mesopotamia, Ancient Egypt, and an overview of Ancient Far

Eastern cultures such as India, Japan, and China are studied. In second semester, students study the Aegean Culture and Early Greece, Classical and Hellenistic Greece (including Greek theatre), the Roman Civilization, Judaism, Early Christianity, the Byzantine Civilization, and the Islamic Civilization. (NCAA, VPA)

889	**Humanities II**	**2 Semesters**	**2 Credits**	**9 – 12**

Humanities is the study of Western and Eastern Civilizations from a creative and cultural point of view, with emphasis on art, music, architecture, religion, family structure, literature, and theatre. In Humanities II, the Early Middle Ages and the Romanesque, the Gothic and Late Middle Ages, the Renaissance, and the Baroque Age are studied. During second semester, study continues with a focus on the 18th century, Romanticism and Realism, Impressionism and Post-Impressionism, the 20th century, and Contemporary Life. (NCAA, VPA)

890	**The American West**	**1 Semester**	**1 Credit**	**9 – 12**

This course provides students the opportunity to examine the development of the American West. Topics include the Gold Rush, Native Americans, the Transcontinental Railroad, outlaws, the development of western cities, environmental changes and myths about the West. (NCAA)

891	**The American Jury**	**1 Semester**	**1 Credit**	**9 – 12**

Do you know what it means to be an American? Be part of an interactive class that exercises the rights and responsibilities of an American citizen. Participate in mock trials, landmark court cases and current issues our community and nation is facing. In this class - you the jury, decide the outcome! For students interested in government, law, and justice related fields this class is a must!

892	**Women in America**	**1 Semester**	**1 Credit**	**9 – 12**

This course discusses the changing and evolving role of women throughout the course of American history. Students focus their learning on various American women and their accomplishments, struggles, and place in history. Topics include the First American Women (colonial women and the Salem witch trials, Early Native American women, women and the Revolutionary/Civil Wars); women during the 1900s (Suffrage Movement, East and West Coast Immigration, World Wars I and II); and modern women (the Feminist Movement, The Civil Rights Movement, Women's role in today's society). (NCAA)

Course Offerings

World Language

The French and Spanish programs are designed to introduce and develop the four basic language skills of speaking, listening, reading and writing. The Michigan Merit Curriculum requires the successful completion of two years in the **same** world language. Students seeking college admission are highly recommended to complete more than the two-year requirement. Students who intend to major at college in a field that requires a world language should consider completing four or more years of the language in high school.

*Students interested in advancing beyond their grade level course must meet specific criteria in order to do so. See the counseling office for the specific requirements for advancement.

7346	**Exploratory French**	**1 Semester**	**6 – 7**

This class is strongly recommended as a continuation of the student's elementary French language experience or as an introduction for students who would like to begin studying French. This course lays a firm foundation for successful completion of French I and French II. This course helps to ensure success with the world language requirement.

7366	**Exploratory Spanish**	**1 Semester**	**6 – 7**

This class is strongly recommended as a continuation of the student's elementary Spanish language experience or as an introduction for students who would like to begin studying Spanish. This course lays a firm foundation for successful completion of Spanish I and Spanish II. This course helps to ensure success with the world language requirement.

300	**French I**	**2 Semesters**	**2 Credits**	**7 - 12**

*Exploratory French 7366 provides a solid base and begins building knowledge for this course, but is not a requirement.
Students are introduced to and begin developing listening, reading, writing, and speaking skills. Students learn basic vocabulary and grammar. The geography and traditions of French-speaking people are introduced. (NCAA). **This begins the Michigan Merit two year requirement.**

301	**French II**	**2 Semesters**	**2 Credits**	***8 - 12**

Prerequisite: 300

Continuing where French I left off, students develop more proficiency in reading, writing, speaking, and listening. Students study more complex grammatical structures and more vocabularies. There is a continuation of study of the geography and traditions of French-speaking countries and peoples. (NCAA)

302	**French III**	**2 Semesters**	**2 Credits**	***9 – 12**

Prerequisite: 301

Students at this level learn more advanced vocabulary and grammar. Students continue reading, listening speaking and writing in the target language. There is a continuation of study of geography and traditions of French-speaking countries and people. Class may be conducted in French. (NCAA)

303	French IV	2 Semesters	2 Credits	10 – 12

Prerequisite: 302

This class is conducted in French. An in-depth study of French grammar, vocabulary, and culture is undertaken. Continued growth and improvement in composition and oral competency is stressed. (NCAA)

304	AP French Language	2 Semesters	2 Credits	11 – 12

*****Based on enrollment, this course may run as a split class with French IV. If so, the course will be French V (Not AP).
Prerequisite: 303
Class is conducted in the target language. Previous competencies in reading, writing, speaking, and listening are reviewed and additional instruction in each area is provided. Composition, reading, aural and oral proficiency is emphasized. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

306	French Culture A	1 Semester	1 Credit	10 – 12

Students may take French 306 or French 307 in any order.
Prerequisite: Completed or concurrent with French 300 or higher
This course explores French and Francophone culture through food, film, music, art, literature, history, and geography. The emphasis is on the culture and food rather than the language itself. This course is designed to complement the French language courses. Emphasis is on the overseas departments of France, Africa, French speaking Canada and Europe, and the history and geography of France. The cuisine of the above countries and France in general is introduced. THIS IS NOT A GRAMMAR CLASS. This course is offered in alternating years. (VPA)

307	French Culture B	1 Semester	1 Credit	10 – 12

Students may take French 306 or French 307 in any order.
Prerequisite: Completed or concurrent with French 300 or higher
This course continues to explore French and Francophone regions with a focus on culture and cuisine. This course is designed to complement the French language courses. The emphasis is on the culture and the products of the French-speaking world rather than the language itself. Students are introduced to the French-speaking world through food, art, music, film, literature, and history. THIS IS NOT A GRAMMAR CLASS. This course is offered in alternating years. (VPA)

310	Spanish I	2 Semesters	2 Credits	7 – 12

*****Exploratory Spanish 7366 provides a solid base and begins building knowledge for this course, but is not a requirement.
Students are introduced to and begin to develop listening, reading, writing, and speaking skills. Students learn basic vocabulary and grammar. The geography and traditions of Spanish-speaking people are introduced. **This begins the Michigan Merit two year requirement.** (NCAA)

311	Spanish II	2 Semesters	2 Credits	*8 – 12

Prerequisite: 310

Continuing where Spanish I left off, students develop more proficiency in reading, writing, speaking, and listening. Students study more complex grammatical structures and more vocabularies. There is a continuation of study of geography and traditions of Spanish speaking countries and peoples. (NCAA)

312	**Spanish III**	**2 Semesters**	**2 Credits**	***9 – 12**

Prerequisite: 311
Students learn more advanced vocabulary and grammar. Students read and write more in the target language. There is a continuation of study of the geography and traditions of Spanish-speaking counties and peoples. Class may be conducted in Spanish. (NCAA)

313	**Spanish IV**	**2 Semesters**	**2 Credits**	**10 – 12**

Prerequisite: 312
This class is conducted in Spanish. An in-depth study of Spanish grammar, vocabulary, and culture is undertaken. Continued growth and improvement in composition and oral competency is stressed. Seniors completing this class may choose to take the AP Spanish language exam. (NCAA)
Students successfully completing this course earn college credits from Eastern Michigan University.
***This course is on the 5.0 grading scale.**

314	**AP Spanish Language and Culture**	**2 Semesters**	**2 Credits**	**11 – 12**

Prerequisite: 313
This class is conducted in the target language. Previous competencies in reading, writing, speaking, and listening are reviewed and additional instruction in each area is provided. Composition and oral proficiency is emphasized. Students are strongly encouraged to take the Advanced Placement Exam. (NCAA)

315	**Spanish and Latin American Culture A**	**1 Semester**	**1 Credit**	**10 – 12**

Students may take Spanish 315 or Spanish 317 in any order.
Prerequisite: Completed or concurrent with Spanish 310 or higher
This course explores Spain and Latin America's culture through, food, film, music, art, literature, history, and geography. The emphasis is on the culture rather than the language study. THIS IS NOT A GRAMMAR CLASS. This course is designed to complement the Spanish language courses with activities and projects that create a cultural immersion. The goal is to bring Spain and the Latin American world to the classroom. This class is offered in alternating years. (VPA)

317	**Spanish and Latin American Culture B**	**1 Semester**	**1 Credit**	**10 – 12**

Students may take Spanish 315 or Spanish 317 in any order.
Prerequisite: Completed or concurrent with Spanish 310 or higher
This course explores Spain and Latin American cultures through film, food, music, art, literature, history, geography and specialized vocabulary. The emphasis is on the culture rather than the language study. THIS IS NOT A GRAMMAR CLASS. This course is designed to complement the

Spanish language courses with activities and projects that create a cultural immersion. The goal is to bring Spain and Latin America to the classroom. This class is offered in alternating years. (VPA)

389	**Exploration in World Languages**	**2 Semesters**	**2 Credits**	**6 - 12**

Students learn fundamentals in reading, writing, listening, and speaking in a world language of student choice using outside resources. Options may include, but are not limited to, Chinese, Japanese, and German.

Course Offerings

Yearbook

7150	**Publications 7**	**1 Semester**	**6 – 7**

Students learn production techniques for a variety of publications. Information gathering, writing, editing, and layout of newspapers, magazines, yearbooks, and other printed materials are explored. Research skills, thinking skills, legal rights and responsibilities are covered. Computer skills are highly desirable.

8165	**Publications 8**	**2 Semesters**	**8**

Students learn production techniques for a variety of publications. Information gathering, writing, editing, and layout of newspapers, magazines, yearbooks, and other printed materials are explored. Research skills, thinking skills, legal rights and responsibilities are covered. Computer skills are highly desirable.

901	**Student Publications**	**2 Semesters**	**2 Credits**	**9 – 12**

Prerequisite: Students considering this class must fill out an application that also requires at least one teacher recommendation.

This is a two semester course. Students taking a leadership role must enroll in both semesters. This course is responsible for the development, creation, selling, and distribution of the yearbook. Students who enjoy writing, interviewing, photography, graphics, layout and print design will enjoy this class and learn applicable life skills. Revenue solicitation is a requirement of each student. Good attendance, organizational skills, excellent work habits, and the ability to work independently are requirements for this course. This course may be repeated for credit. (VPA)

Special Education classes are designed for students who qualify under the state guidelines as Learning Disabled (LD), Speech and Language Impaired (SLI), Emotionally Impaired (EI), Mild Cognitively Impaired (MiCI), Visually Impaired (VI), Hearing Impaired (HI), and Physically and Otherwise Health Impaired (POHI), and have been placed in one or more of the above programs by an Individualized Education Planning Team (IEP). Special Education classes provide basic instruction designed to build skills in specific areas relating to the high school curriculum.

6 2 3 5 **7 2 3 5** **8235**	**Reading Intervention**	**1 Semester**	**6 – 8**

This course teaches the reading strategies essential to improving students' reading proficiency in a small group setting with the ultimate goal of improving students' ability to comprehend text.

926	**Academic Support**	**2 Semesters**	**2 Credits**	**9 – 12**

This class is designed to provide students with assistance and support in regard to classroom assignments, homework, and quizzes/tests. IEP approval required.

93009	**High School English Support**	**2 Semesters**	**2 Credits**	**9 – 12**

This class is designed to provide students with the basic literacy skills needed to function in adult life.
Please note: This class does not satisfy MME curriculum requirements. Students enrolled in this class are instructed using modified academic achievement standards and are measured against alternate achievement standards. IEP and written parental approval required.
This class may be repeated for credit.

93209	**High School Math Support**	**2 Semesters**	**2 Credits**	**9 – 12**

This class is designed to provide students with the basic math skills needed to function in adult life.
Please note: This class does not satisfy MME curriculum requirements. Students enrolled in this class are instructed using modified academic achievement standards and are measured against alternate achievement standards. IEP and written parental approval required.
This class may be repeated for credit.

935	**High School Social Studies Support**	**2 Semesters**	**2 Credits**	**9 – 12**

This class is designed to provide students with the basic knowledge of history, geography, and citizenship needed to function in adult life.
Please note: This class does not satisfy MME curriculum requirements. Students enrolled in this class are instructed using modified academic achievement standards and are measured against alternate achievement standards. IEP and written parental approval required. This class may be repeated for credit.

938	**High School Science Support**	**2 Semesters**	**2 Credits**	**9 – 12**

This class is designed to provide students with the basic knowledge of science needed to understand their environment and how their bodies function in order to function in adult life.
Please note: This class does not satisfy MME curriculum requirements. Students enrolled in this class are instructed using modified academic achievement standards and are measured against

alternate achievement standards. IEP and written parental approval required. This class may be repeated for credit.

6400	Teen Survival Skills	1 Semester	6

Students participate in activities designed to help students develop life skills needed for future success. Units of study include conflict resolution, organization skills, study skills, test taking strategies, public speaking, game strategies, money management, and problem solving.

952	Strategies for Success	2 Semesters	2 Credits	11

The course content covers strategies that may enhance a student's performance on common standardized tests such as SAT and MME. Students receive focused instruction from highly qualified staff members in areas of the core curriculum most often addressed in standardized tests. These skills include, but are not limited to, vocabulary, reading charts, graphs, and tables, language arts, persuasive writing techniques, reading for information, performance tasks and test-taking strategies. This course is a requirement for all juniors. Exceptions are considered on an individualized basis.

955	Career Readiness	1 Semester	1 Credit	10 – 12

Students learn the foundational employability skills that prepares them to succeed in the work force. Areas covered in this course are applied mathematics, informational reading, finding information, workplace writing, work ethics, employment documents, and interviewing. This course helps prepare students to take the Work Keys assessments, which are normally taken in the 11th and 12th grades. Passing these assessments qualifies them for a NCRC certificate. The NCRC certificate provides students with a nationally recognized credential that they can present to prospective employers. Students also learn to complete job applications and the basic job search process.

957	Peer Tutoring	1 Semester	1 Credit	8 – 12

Prerequisite: administrative approval
This course is for students who have a desire to help tutor fellow students develop skills in a specific content area, and further develop their own mentoring and overseeing skills in guiding the work of others. Tutors are assessed on best practices, reflective journals and growth. This course may be repeated for credit.

958	Human Services	1 Semester	1 Credit	*9 – 12

This course introduces high school students to the possibilities for careers in the human services professions. Through anecdotes, lessons, and a variety of assignments and projects, students learn about the broad variety of jobs available in the human services. Students learn exactly what the human services are and the ethics and philosophies of the helping professions. By the conclusion of this course, students have a firm introductory understanding of the social services professions and a better idea of whether this is a career course they would like to explore further.

970	Technology Assistant	1 Semester	1 Credit	10 – 12

Prerequisite: administrative approval
Students gain technical skills and work experience as they work with computers, printers, scanners, cameras, and other equipment as well as software programs. Students work with the operation of the media center and computer labs. Students become knowledgeable and proficient as they use books, magazines, newspapers, online sources, and research techniques. Assignments consist of book

reviews and/or technology evaluations. The library media specialist and the guidance counselor must approve each student's interest in the program. Students with a GPA of less than 3.0 are required to provide 3 teacher/staff references. Please see media staff for the proper forms. This course may be repeated for credit (A maximum of four credits may be earned).

Course Offerings

Special Programs

7991 8991	**LINKS**	**1 Semester**	**6 – 8**

Students are paired with special needs students four days a week to model appropriate social behavior in a school setting. LINKS students act as peer advocates and mentors for students who require this type of support. The students receive training one day a week on Autism, strategies working with students on the Autism Spectrum, and educational strategies that improve the learning environment. Students learn life skills including communication, advocacy, compassion, patience and problem-solving. They are engaged in a curriculum that provides an opportunity for practicing the applied knowledge and skills. Students must fill out an application and complete an interview to be accepted. This course may be repeated for credit.

991	**LINKS**	**1 Semester**	**1 Credit**	**9 – 12**

Students are paired with special needs students four days a week to model appropriate social behavior in a school setting. LINKS students act as peer advocates and mentors for students who require this type of support. The students receive training one day a week on Autism, strategies working with students on the Autism Spectrum, and educational strategies that improve the learning environment. Students learn life skills including communication, advocacy, compassion, patience and problem-solving. They are engaged in a curriculum that provides an opportunity for practicing the applied knowledge and skills. Students must fill out an application and complete an interview to be accepted. This course may be repeated for credit.

7870 8870	**Service Learning**	**1 Semester**	**1 Credit**	**6 – 8**

Students are exposed to a host of 21st century skills including some of the following: global awareness, financial, economic, business, and entrepreneurial literacy, civic literacy, creativity and innovation, critical thinking and problem solving, communication and collaboration, flexibility and adaptability, leadership and responsibility, initiative and self-direction, and productivity and accountability. Specific service, community, or school based projects will be the course of study for each class. Possibilities are a school store, beekeeping course, philanthropic efforts such as overseeing fundraising drives, and other real life efforts that help develop responsible citizens that foster a sense of caring for others.

Course Offerings

Dual Enrollment

Lapeer Early College

The Lapeer Early College (LEC) is an agreement between Lapeer Community Schools, colleges, and students and their families where students agree to extend their experience with Lapeer Community Schools by one year in exchange for the opportunity to complete up to 60 college credits or an Associate's Degree.

*Students commit to participating in the program by the beginning of their 11th grade year.

*It is individually tailored for each student, so they may ease into their college experience or accelerate themselves during 11th and 12th grade.

*LEC students are able to use their dual enrollment opportunities to complete high school requirements in ways that are not available to our traditionally dual enrolled students.

*College courses are offered at CFI through Baker and at the Mott campus in Lapeer during the school day, with transportation by LCS, but students may also elect evening classes at Mott in Lapeer, at Mott in Flint and Baker in Flint providing their own transportation.

***LEC students are encouraged to participate in all of the traditional junior and senior activities, such as sports, clubs, Swing Out and commencement.**

*1 MMC required course is withheld until the 13th year. (Usually taken online)

*LEC students will earn a MEMCA Technical Certificate.

Awarded for completing:

State of Michigan High School Merit Curriculum

- Approved college readiness curriculum, which is called Seminar
- Minimum 15 college credit hours
- And one of the following:
    - 100 hours of verified and approved community service or
    - Up to 40 hours approved internship and/or job shadow and/or clinical experience plus 40 hours verified and approved community service, which must total at least 80 hours

University of Michigan-Flint DEEP College on Campus Programs

The Lapeer Community Schools is collaborating with the University of Michigan-Flint to offer the Humanities Dual Enrollment Educational Partnership. The DEEP initiative allows motivated students to earn college credit by taking accredited courses taught by UM-Flint faculty on-site at a Lapeer Community Schools facility. DEEP will do exactly what its name implies: deepen the students' knowledge and understanding of course material, while providing in-depth college courses that will prepare them for college and university academic expectations.

University of Michigan-Flint DEEP College on Campus Programs: 12 college credits offered during the school day at the Center for Innovation at the West Campus. Cost of tuition and fees to students is $700 for the yearlong block of four classes, which would normally be about $5,000 for tuition and fees. LCS and UM-Flint work cooperatively to create a calendar accounting for both schools' breaks. Transportation to CFI will be provided.

Course Offerings

Dual Enrollment

UM-Flint Program Qualifications
Selected high-ability, highly motivated senior students from Lapeer Community Schools will be eligible to enroll in the DEEP College on Campus program.

The University of Michigan-Flint has established the following general expectations for enrollees in any of the four DEEP College on Campus programs offered in 2018-2019:

- An overall grade point average of 3.0+
- An interest in post-secondary study in the appropriate professional field
- The ability and motivation to undertake successfully the rigor of college-level coursework
- A favorable recommendation from the school principal or counselor addressing the strength of the applicant's preparation in a college preparatory high school curriculum, including successful completion of 3+ years of HS English with strong writing skills, and other similar characteristics

Exceptions to these qualifications may be considered by the appropriate UM-Flint faculty upon recommendation by the high school principal or counselor.

Payments and Due Dates: Payment is due at the time of enrollment and arrangements can be made to extend payment to be completed prior to the school year beginning. Contact your high school counselor for more information.

Application and Submission Deadline
Dual enrollment application forms and grade release forms are available in the high school guidance office. In order to receive full consideration, these documents must be completed and signed and submitted with attached high school transcripts to your high school guidance office.
Humanities program: Due Friday, February 8, 2018
PreEngineering and MCAP programs: Due Friday, February 23, 2018

UM-FLINT DEEP COLLEGE ON CAMPUS HUMANITIES PROGRAM (12 CREDITS)

A program created specifically for college bound students who are not yet certain about a career/ college major choice and seek to explore the humanities or want to complete 12 general education university level requirements while still in high school. (VPA)

History (HIS) 114 - Twentieth Century World History - 3 credits
This is a survey of cultural, social, intellectual, economic, and political developments in the twentieth-century world. Special attention is devoted to imperialism, war and violence, decolonization in the developing world, and the process and effects of globalization.

Communication (COM) 210 - Introduction to Public Speaking - 3 credits
Students prepare and deliver speeches in class and develop skills of writing, organization, research and delivery. Students also engage in important public issues, develop an appreciation for ethical methods to approach diverse audiences and become more comfortable speaking in public. Students learn skills of argumentation and persuasion in order to be better equipped to use speech as a tool to execute change. *This course fulfills the Humanities (H) General Education requirement at the University of Michigan-Flint.*

Course Offerings

Dual Enrollment

Art History (ARH) 112 - History of Renaissance to Modern Art - 3 credits
This course is a historical survey of art from the Renaissance to the Modern era. It covers all media from the Western tradition of these time periods. *This course fulfills the Humanities (H) General Education requirement at the University of Michigan-Flint.*

Psychology (PSY) 100 - Principals of Psychology - 3 credits
This course is an introduction to scientific study of behavior and mental processes; major concepts, theoretical perspectives, and research. It includes an overview of the research process, how psychological questions are generated and studied; and research and theory in subfields such as neuroscience, human development, learning, memory, thinking, motivation and individual differences. *This course fulfills the Social Science (S) General Education requirement at the University of Michigan-Flint.*

UM-FLINT DEEP DUAL ENROLLMENT – PRE-ENGINEERING (13 CREDITS)

This program is facilitated and held at Lapeer County Ed Tech Center during LCS 2nd and 3rd hours. Students must provide their own transportation. (MathR, VPA)

CSC 101 - Fluency with Information Technology and Computing - 3 credits

This course focuses on the development of fluency in Information Technology (IT) for productive use, designed to complement the student's areas of study. The relevance of IT and computing in daily life, emphasized through collaborative learning about such topics as image representations, high definition video transmission, digital voice encoding, MP3 files, identity protection for online shopping, data security in social networks, robotics, games and animation creation, and virtual worlds are studied. It is an introduction to programming using non-traditional, intuitive programming environments such as smartphones and LEGO Mindstorms. *This course fulfills the Technology (T) General Education requirement at UM-Flint.*

EGR 165 - Computer Aided Design - 3 credits

The goal of this course is to familiarize engineering students with fundamental principles of computer aided design and to teach them to perform basic engineering analysis, such as stress and deflection

using solid modeling and parametric design using Creo software. *This course fulfills the Technology (T) General Education requirement at UM-Flint.*

CSC 175 - Problem Solving and Programming I - 4 credits

This course introduces the students to the structured programming language C++ which is essential for engineering applications and problem solving. Programming language concepts, arrays, structures, and subprograms are included. *This course fulfills the Technology (T) General Education requirement at UM-Flint.*

EGR 102 - Introduction to Engineering - 3 credits

This course introduces students to various engineering disciplines, and common engineering science foundations of all branches, teaming ethics, and communication. Fundamental principles of various engineering disciplines are taught using one central problem from each discipline. *This course fulfills the Technology (T) General Education requirement at the UM-Flint.*

Course Offerings

Dual Enrollment

UM-FLINT DEEP DUAL ENROLLMENT – MCAP (13 CREDITS)

This program is facilitated and held at Lapeer County Ed Tech Center during LCS 2nd and 3rd hours. Students must provide their own transportation. (VPA, MathR)

Biology (BIO) 113 - Principles of Biology - 4 credits

This course is an introduction to the basic principles of biology relating to cell structure and function, cell reproduction, and mechanisms underlying patterns of inheritance, ecology and evolution, emphasizing guided discovery and critical thinking.

Health Care (HCR) 206 - Health Sciences Applications - 2 credits

This course is an introduction to a wide range of topics in health science with demonstrations of how basic scientific concepts can be applied to solving problems in the field. Hypothetical thought experiments stimulate students' interest in pursuing health careers.

Biology (BIO) 328 – Genetics – 4 credits

Principles of inheritance from molecular through population levels are taught. Gene action, cytoplasmic inheritance, parthenogenesis, mutation, and homeostasis are additional topics.

Philosophy (PHL) 168 - Philosophy of Bioethics - 3 credits

This course is an introduction to classical ethical theories and their application to contemporary bioethical issues, such as neuroethics, ethics of nanotechnology, stem-cell research, bioterrorism, cloning as well as a broad range of health system reform, international health research, social

inequalities in health, and the allocation of scarce resources. This course fulfills the Humanities (H) General Education requirement at UM-Flint.

Mott Community College (College on Campus) Programs

The Lapeer Community Schools collaborates with Mott Community College to offer business and criminal justice programs for students interested in pursuing these college majors and career areas. The tuition for the Mott CC College on Campus programs is financially covered by LCS. The College on Campus initiative allows motivated students to earn college credit by taking accredited courses taught by Mott faculty at the Mott – Lapeer Campus. Transportation is provided. Students will take placement tests during a school scheduled and sponsored orientation at the Lapeer campus. *Students are required to attend Mott's courses even when LCS is not in session.

MOTT BUSINESS

This is a yearlong program of 6 credits held at Mott-Lapeer Campus during the traditional school day. Students are allowed a 1 hour release. Students are responsible to follow Mott's school calendar for these courses. (VPA)

BUSN 104 - Introduction to Business - 3 college credits

This course is the study of business problems, business practices and procedures, including organization, management, labor, production, marketing, financing, and insurance.

MKTG 150 - Principles of Marketing - 3 college credits

This course is designed as an introduction to the marketing environment and the role marketing plays in that environment. The course is intended to cover the marketing mix, entrepreneurship, consumer behavior and ethics in the business world of today and tomorrow.

Course Offerings

Dual Enrollment

MOTT CRIMINAL JUSTICE

This yearlong 6 credit program is offered at Mott-Lapeer Campus. Students are allowed a 1 hour release. Students are responsible to follow Mott's school calendar for these courses. (VPA)

CRJU - Introduction to Law Enforcement - 3 college credits

This is an introduction to the criminal justice system, the field of law enforcement and the administration of the justice process. The vocational opportunities and functions of all levels of law enforcement are explored.

SOCY 191 - Intro to Sociology - 3 college credits

This course is a systematic study of human behavior in groups; the socialization of individuals into their culture; the formation and functioning of different kinds of social groups; and the processes of stability, deviance, and change in society.

Additional courses offered by Mott CC to our students as "first in" in Lapeer and during the school day. College on Campus students, Lapeer Early College students and traditional dual enrolled students take advantage of these local opportunities:

COMM 131 - Fundamentals of Public Speaking - 3 college credits

This course teaches the fundamentals of public speaking, principles of effective oral communication, and application of these principles in a variety of practical speaking situations.

PSYC 281 - General Psychology - 3 college credits
This course is the scientific study of behavior and mental processes with special emphasis on research methods, biological basis of behavior, human development, learning and cognition, personality theories, cultural, environmental and interpersonal influences on behaviors, abnormal development, psychological disorders and therapeutic interventions.

Baker College (College on Campus) Programs

The Lapeer Community Schools collaborates with Baker College to offer Computer Technology, Engineering, two yearlong Health cohorts and 2 CNC cohorts for students interested in pursuing these college majors and career areas. The tuition for the Baker College on Campus programs is covered by LCS. The College on Campus initiative allows motivated students to earn college credit by taking accredited courses taught by Baker faculty on-site at the Lapeer Community Schools CFI-West Campus. Transportation is provided. Baker classes run one class period, one course at a time, 5 days per week. Students attend Baker classes only when LCS is in session. If LCS is closed, the Baker class is not held.

BAKER HEALTH COHORT A

This is a yearlong program of three courses counting 10 semester hours. Cohort A is a prerequisite for Cohort B. If LCS is closed, the Baker class is not held. (VPA)

HSC 1210 - Human Anatomy and Physiology I - 3 Semester hours.
This course deals with the fundamental study of the body with a view toward the structure and function of body parts, organs, and systems and their relationship to the whole body. 45 hours of class time.

Course Offerings

Dual Enrollment

HSC 1211 - Human Anatomy and Physiology I Lab - 1 Semester Hour
Laboratory work may include the use of the microscope, experiments/demonstrations in physiologic principles, and the dissection of animal parts. 30 hours of lab time.

HSC 1220 - Human Anatomy and Physiology II - 3 Semester Hours
This course emphasizes the structure and function of all major body systems. Focuses on physiology of the body systems. 45 hours of class time.
Prerequisite(s): B- or better in HSC 1210.

HSC 1221 - Human Anatomy and Physiology II Lab - 1 Semester Hour
Laboratory work will include the dissection of mammal organs. 30 hours of lab are required.

BAKER HEALTH COHORT B

This is a yearlong program of three courses, counting 10 semester hours. *Prerequisite: Cohort A

HSC 1110 - Introduction to Healthcare - 3 Semester Hours
This course acquaints students with a variety of perspectives about existing healthcare systems. Particular emphasis on the complexity of the American Healthcare system is made. Comparison of other health care delivery models and trends are discussed. Current events are incorporated throughout the course.

HSC 2150 – Pathophysiology - 3 Semester Hours
This course examines general disease mechanisms with an emphasis on the disease processes within each body system.
Prerequisite(s): B- or better in HSC 1220

HSC 2410 – Microbiology - 3 Semester Hours
This course explores basic concepts of prokaryotic and eukaryotic microorganisms including the basic composition, metabolism, genetics, immunology, and epidemiology of microorganisms. The human diseases caused by these microorganisms in addition to their treatments are presented.

HSC 2411 - Microbiology Lab - 1 Semester Hour
This course accompanies Microbiology class. A 30 hour laboratory is a component of this course; students perform several experiments to reinforce the material presented in lecture.

Course Offerings

Dual Enrollment

BAKER CNC COHORT A (COMPUTER NUMERICALLY CONTROLLED MACHINES)

This is a yearlong program of three courses, counting 9 semester hours. (VPA, MathR)

EGR 1010 - Fundamentals of Engineering Design – 2 Semester Hours
This course surveys the use of drafting instruments and computers to generate the necessary geometry for design, analysis, and manufacturing. Provides knowledge of geometric dimension and tolerance, industrial blueprint reading and the use of precision measurement tools through lecture and hands-on lab applications. 60 hours of lab are required.

CNC 1110 - Basic Gauges and Measurements – 3 Semester Hours
This course provides students with an introduction to measurement instruments used in manufacturing settings such as Addresses Scales, Calipers, Micrometers, Johansson Blocks, Gauges, and Angular Measurement.

CNC 1310 - Machining Theory and Methods – 4 Semester Hours
Prerequisite(s): CNC 1110, Concurrent requisite(s): CNC 1310L
This course provides students with an introduction to manual mill and lathe practices used in manufacturing settings. Addresses basic machining theory and introduction to the use of common tools and techniques in manufacturing. 45 hours of lecture and 30 hours of lab are required.

CNC COHORT B

This is a yearlong program of three courses, counting 9 semester hours. *Prerequisite: Cohort A

AMT 2050 - Principles of Industrial Safety, Health, and Environment – 3 Semester Hours

Concurrent requisite(s): AMT 2050L
This course provides awareness of industrial safety and occupational health practices. Delivers hands-on learning associated with PPE, BBS, MSDS and fire suppression resources. 30 hours of lecture and 30 hours of lab are required.

CNC 1510 - CNC Theory and Programming – 3 Semester Hours
Prerequisite(s): CNC 1310, Concurrent requisite(s): CNC 1510L
This course provides students with an introduction to CNC Theory and Operation in manufacturing settings. Addresses feeds, speeds, tools, inserts programming, and sub-programs for CNC machining. This course also prepares students to identify and interpret G-codes and M-codes and develop basic programs for CNC operation. Students learn to produce parts and assemblies using CNC machining and to apply troubleshooting techniques to improve or modify CNC programs. 30 hours of lecture and 30 hours of lab are required.

CAD 1410 - Introduction to Industrial Materials and Processes – 3 Semester Hours
Concurrent requisite(s): CAD 1410L
In this course, manufacturing processes and the full scope of manufacturing are explored. Different processes, materials, cost and labor concerns are also discussed. 30 hours of lecture and 30 hours of lab are required.

Course Offerings

Dual Enrollment

BAKER COMPUTER TECHNOLOGY

This is a yearlong program of four courses. These courses are held at CFI-West Campus. Students allowed one hour release. If LCS is closed, the Baker class is not held. (VPA, MathR)

CS 1010 – Principles of Computer Science - 3 Semester Credits
This course provides students an overview of the computer science profession. The course will focus on topics such as history, careers, programming languages, operating systems, databases, and relationship of mathematical concepts.

CS 1110 – Introduction to Programming – 3 Semester Credits
This course introduces students to programming concepts such as logic and flow charting as well as some basic programming techniques.

CIS 2210 – Database Management and Design – 3 Semester Credits
Prerequisite: CS 1010, CS 1110, and NET 1010
This course introduces students to the underlying principles of information and database structure in electronic database management systems. Students will be introduced to types of information, table structure, features of a relational database, basic concepts of database design and normalization, and basic overviews of the roles of database administrators and professionals. Students will also be introduced to introductory SQL commands using a command line and existing databases. Expands on the concepts learned in the introductory course in database creation by introducing students to

higher levels of database development and computer science concepts. Students learn SQL in order to study the manipulation of a relational database. This course also includes a survey of database platforms.

BAKER ENGINEERING

This is a yearlong program of four courses counting 9 semester hours. These courses are held at the CFI-West Campus. Students are allowed a one hour release. If LCS is closed, the Baker class is not held. (MathR, VPA)

EGR1010 - Fundamentals of Engineering Design - 2 Semester Credits
This course surveys the use of drafting instruments and computers to generate the necessary geometry for design, analysis, and manufacturing. It provides knowledge of geometric dimension and tolerance, industrial blueprint reading and the use of precision measurement tools through lecture and hands-on lab applications. 60 hours of lab.

EGR1050 - Introduction to Engineering and Design - 2 Semester Credits
This course surveys the profession of engineering across several disciplines. Analysis and design problem-solving examples are used with hands-on activities. A design project introduces the engineering design process. 15 hours of lecture and 30 hours of lab.

EGR2710 - Computing for Engineers - 2 Semester Credits
This course introduces students to programs useful for solving engineering problems. It covers the design and implementation of algorithms and topics in computer programming: arrays, files, functions, pointers, and structured data types. 15 hours of lecture and 30 hours of lab.

Course Offerings

Dual Enrollment

MTH2750 - Statistical Methods - 3 Semester Credits
This course focuses on data interpretation and practical application of introductory level statistics. It emphasizes a conceptual understanding of the use of statistics in various fields, including the ability to interpret results. Topics include development and analysis of descriptive statistics, inferential statistics (bivariate), and regression analysis. Students determine appropriate statistical methods, calculate basic statistical values, and analyze/interpret data sets including statistical software study results. 45 hours of lecture.

Course Offerings

Career and Technical Education

The Lapeer County Educational and Technology Center located in Attica offers 19 programs, which provide students with marketable skills upon high school graduation. Brochures describing each program are available in the counseling office. Additional information may be obtained by calling the Ed-Tech Student Services Center at 664-1124.

Third and fourth year students are permitted to attend the Educational and Technology Center. Students attend either morning or afternoon sessions (no choice) at Ed-Tech, and also have three hours of regular classes at the home school. Ed-Tech programs are three class periods in length and grant three credits per semester.

Students accepted to attend the Educational and Technology Center would still be eligible to participate in school activities and athletics, and receive a diploma upon graduation. Requirements for graduation remain the same for students enrolled in an Ed-Tech program.

Students who plan to attend Ed-Tech should:

- ➢ Take the required courses needed for graduation
- ➢ Attend the Ed-Tech orientation seminar and tour given by the counselors during 10th grade
- ➢ Apply for admission to the Ed-Tech Center in the counseling office during 10th or 11th grades
- ➢ Follow the transportation policy of Lapeer Community Schools.

AS1-AS2	**Agriscience/Horticulture**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to plant and animal science with specialization in veterinary science, landscaping, and floral design with focus on growing, harvesting, processing, and marketing plants

and animals. Possible certifications: Student Level Michigan Certified Florist, Michigan Nursery & Landscaping Association Endorsed Certificate, Pesticide Applicators License, Certified Artificial Insemination Technician. (MathR, VPA)

AM1-AM2	**Automotive Mechanics**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to automotive design and engineering with focus on electrical systems, brakes, suspension and electronic ignition. Possible certifications: State Certifications: Brakes, Steering/Suspension, Electrical, Engine Performance (MathR, VPA)

CE1-CE2	**Careers in Education**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to early elementary education, public and private preschool and day care center. Possible certifications: First Aid/CPR certification, Child Development Associate National Credential (2nd year) (MathR, VPA)

CR1-CR2	**Collision Repair**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to automotive design and frame straightening with focus on refinishing, replacing and repairing damaged auto body panels. Possible certifications: I:CAR Qualification, ASE and State (MathR, VPA)

CD1-CD2	**Computer Aided Drafting (CAD)**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to mechanical and architectural design and animation with focus on mechanical drawing, design and model creation. Possible certifications: Auto CAD Certification, Solid Works Certification (MathR, VPA)

Course Offerings

Career and Technical Education

BT1-BT2	**Construction Trades**	**3 Class Periods**	**6 credits**	**11 – 12**

This course is an introduction to construction management with focus on residential carpentry and masonry. Possible certifications: Heavy Equipment Operators License, Builders License (MathR, VPA)

CO2	**Cosmetology**	**3 Class Periods**	**6 Credits**	**11 – 12**

Training to become a board certified cosmetologist with focus on cutting, coloring, perming, styling, skin care, nail care, retailing, salon management and customer service is the focus of this program. Possible certifications: State Board Licensure (MathR, VPA)

CA1-CA2	**Culinary Arts**	**3 Class Periods**	**6 Credits**	**11 – 12**

Chef preparation with focus on nutrition, proper cooking techniques, menu planning and safety and sanitation is the focus of this program. Possible certifications: NRA ServSafe Certification (MathR, VPA)

DT1-DT2	**Diesel Technology**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to mechanical and energy engineering with focus on diagnosis, repair, and maintenance of medium and heavy-duty trucks and tractors. Possible certifications: Michigan Mechanic License, Safety Certification, CVSA Air Brake Certification (MathR, VPA)

IM1-IM2	**Digital Media Arts**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to graphic design, digital photography, audio and video production, filmmaking, web design, and animation. Possible certifications: Adobe Certified Expert, Adobe Certified Associate, CIW Site Design Specialist (MathR, VPA)

HO1-HO2	**Health Occupations**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to medical professions with focus on career exploration, basic patient care skills, anatomy and physiology and medical terminology. Possible certifications: First Aid/CPR certification, Certified Nursing Assistant (2nd year) Enrollment in Health Occupations II is dependent upon selection criteria. (MathR, VPA)

HS1 –HS2	**Health Science Professions**	**3 Class Periods**	**6 Credits**	**11 – 12**

First year students focus on a wide variety of medical careers. They explore all five pathways of the Health Science cluster while paying close attention to Diagnostic and Therapeutic Services. This class provides the returning highly motivated, second year student an in depth study of a specific medical field. (MathR, VPA)

Course Offerings

Career and Technical Education

CN1-CN2	**IT Net (Computer Networking)**	**3 Class Periods**	**6 Credits**	**11 – 12**

The ITnet *(formerly Computer Networking)* program utilizes the Cisco Networking Academy curriculum to prepare students for exciting careers in Information Technology, commonly referred to as IT. Students have access to expert, educational IT content and to a rich learning experience through online media. Engaging activities include animated simulations, videos, and interactive quizzes, along with valuable hands-on lab exercises for real world experience.

Students in ITnet receive exposure to many different career areas including:

COMPUTER REPAIR

IT Essentials: The Cisco Networking Academy's IT Essentials course gives students basic computer repair knowledge and skills, which prepares them for the CompTIA A+ industry certification and entry-

level computer support careers.

NETWORKING
CCNA Routing and Switching: To prepare students for Cisco's CCENT & CCNA industry certifications and entry-level networking careers, we utilize the Cisco Networking Academy CCNA courses. These courses give students a foundation in basic routing and switching for wired and wireless networks.

PROGRAMMING
Code.org AP Computer Science Principles: This course introduces students to the fundamental concepts of computer science.

Python and C++: Students will learn the fundamentals of coding, using the Python and C++ programming languages. This gives them a start towards entry-level programming careers.

The more certifications an individual earns, the more marketable they become in the industry. Our program offers a great jump-start to a future in IT as well as preparing students for entry-level positions upon graduation.

Computer Service and Repair
Second year ITnet (formerly Computer Networking) students offer computer service and repair to the community for a donation. This is a unique opportunity for students gain real world experience. (MathR, VPA)

ME1-ME2	**Marketing & Entrepreneurship**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to marketing, entrepreneurship and building wealth. Possible certifications: ASK Certification – Assessment of Skills and Knowledge for Business (MathR, VPA)

MX1-MX2	**Mechatronics**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to the study of integration of mechanical, electrical (electronics), fluid power (hydraulics or pneumatics), and computer technologies to control machine movements. The program provides the knowledge and skills for entry-level positions in automation-related jobs. Examples would be robot installation and maintenance, automation equipment installation, troubleshooting and maintenance, and PLC (programmable logistic controller) programming. (MathR, VPA)

Course Offerings

Career and Technical Education

PS1-PS2	**Public Safety / Protective Services**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to law enforcement, firefighting, EMS, corrections, industrial and corporate security. Possible certifications: First Aid/CPR certification, Certified Emergency Dispatcher, Community Emergency Response Team, Career Safe (MathR, VPA)

RV 1-RV2	**Recreational Vehicle Repair**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to recreational vehicle design and engineering with focus on two- and four-cycle gasoline engines and controls on motorcycles and ATV's Possible certifications: EETC

Technician Certification (4-Stroke, 2-Stroke, Electrical), Michigan Master Motorcycle Mechanic (MathR, VPA)

REP1-REP2	**Residential Electrical, Plumbing & HVAC (Construction Technology II)**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to HVAC and electrical design and engineering with focus on electrical wiring, plumbing, heating, air conditioning and sheet metal. Possible certifications: HVAC Core: Refrigerant and Recovery Certification (MathR, VPA)

WM1-WM2	**Welding and Machining Technology**	**3 Class Periods**	**6 Credits**	**11 – 12**

This course is an introduction to fabrication, welding engineering and mechanical design with focus on production of metal products using Mill, Lathe, CNC, ARC, MIG and TIG welding equipment. Possible certifications: AWS – American Welding Society (MathR, VPA)

Academic Policies

Earning Credit

The following table summarizes different ways to earn credit at Lapeer Community Schools. Options for credit outside of the regular student day likely require registration fees. Please review the Academic Policies section and district policies and guidelines for more details regarding the specific requirements for obtaining credit in the options summarized below.

Option	Description	Grade & Credit Earned
Regular School Day Enrollment	Traditional School Program	Student receives grade and credit.

District Sponsored Summer School & After School Campus	Students may earn first time credit in district sponsored and/or district approved summer school sessions and district sponsored and/or approved after school campus sessions. Student earns passing grade (60% or higher).	Student receives grade and credit.
Out-of-District Summer School	Students may earn credit in out of district sponsored and/or approved summer school sessions. Student earns passing grade (60% or higher)**.**	Student receives credit and grade.
Testing Out	Student receives at least a C+ (77%) on the district testing out exam that includes common assessment.	Student receives credit only and no grade.
Online Experiences Including MVU taken as a part of the School Day	Students may earn credit in district sponsored and/or approved online sessions. Student enrolls in this experience as part of the traditional school day, and earns a passing grade (60% or higher).	Student receives grade and credit.
Online Experiences Including MVU taken in addition to the School Day	Student enrolls in this experience outside of the traditional school day, and earns a passing grade (60% or higher).	Student receives credit only and no grade.
Dual Enrollment	Students meeting dual enrollment criteria may elect to earn high school credit when taking dual enrollment courses.	If the student elects HS credit, and receives a passing grade, the student receives grade and credit on the 5 point scale.
Guest Student	Student enrolls in college course as a guest student and not dually enrolled. Student receives passing grade.	Student receives credit only and no grade.
Correspondence Course	Student takes a correspondence course through an accredited program approved by the district and receives a passing grade (60% or higher).	Student receives credit and grade.
Repeating a Course taken in grades 9-12	HS students receiving credit in a MMC core course may repeat a course if seats are available.	If the credit was earned after the start of the 9th grade year, the original credit and grade remain on the transcript. The original credit will turn into elective credit on the transcript.
High School Credit Earned Prior to 9th Grade	Students may earn HS credit prior to 9th grade.	Credits earned appear on transcript and are reported as a grade.
Repeating a HS Course taken prior to 9th grade	Students completing high school MMC courses and receiving credit prior to 9th grade may elect to retake the course.	The course taken in grades 9-12 will replace the previous credit earned, and will be recorded on the HS transcript with the credit and grade.

Academic Policies

CREDIT DEFICIENCIES

Required credits failed must be made up. A student with “credit deficiencies” is encouraged to earn “make-up credits” by enrolling in a variety of ways. **Approval by the Guidance Department is required prior to enrolling in a “make-up subject.”** Other options may be discussed with your counselor.

a. **After-School Campus:** A student may enroll by signing up through the counseling office.
b. **Summer School:** A student may enroll in each of the three summers between his/her freshman and senior years.
c. **Online classes:** Students may earn credit in district sponsored and/or approved online sessions.
Any exceptions or variation to the above will be addressed through the Academic Exceptions Committee or through the development of a Personal Curriculum.

ELIGIBILITY
A student must be "academically eligible" as a condition for participating in high school athletics, after-school clubs, and extracurricular activities. For specific details see Athletics Handbook or Student Clubs Handbook.

STUDENT PLACEMENT
Student placement is dependent on the following: 1) natural progression, 2) grades, 3) placement test, 4) teacher recommendation, and 5) standardized tests.

TEACHER / COURSE EXPECTATIONS
For a student to receive credit for a subject, all course expectations as required by the teacher must be completed.

TRANSFER STUDENTS
Granting or denying credit for transfer students is the option of the local school district. Students transferring from comprehensive public or private high schools accredited by North Central Association or similar agencies will receive comparable credit and letter grades. Transfer students must complete at least the final term of attendance to qualify for a diploma.

Transfer students are encouraged to enroll at the beginning of each term, as it is often difficult to coordinate curriculum between schools.

Homeschoolers are encouraged to enroll at the beginning of each term. In the event this is not possible and the student must enroll after the start of the term, the student will be allowed to audit classes at Lapeer High School or enroll for credit at Lapeer Community High School, if space is available. Credit can only be earned by completing a full term.
Students transferring from non-accredited schools, specialized schools, correspondence schools or home-based schools will receive credit and/or letter grades based on the following criteria:

- If the curricula are comparable, credit earned at the previous school will be granted.
- If the curricula are not comparable, the student may be given a comprehensive examination and/or assessment on the curriculum for which the student is seeking credit.
- If the performance is satisfactory, the student will be granted credit toward graduation, but will receive no letter grade.
- If the performance is unsatisfactory, the student will not receive credit. To receive credit for that curriculum the student will be required to take coursework at an accredited high school.

Grades for students transferring midterm will be determined collaboratively between sending and receiving schools and/or teachers.

Academic Policies

GRADUATION PARTICIPATION
Graduation related ceremonies include commencement, baccalaureate and Swing Out.

Currently enrolled Lapeer Community Schools students may participate in graduation related ceremonies if they have fulfilled all financial obligations to school, returned all school property and met one of the following criteria.

1. Seniors who have successfully completed all requirements for graduation as defined in Board Policy 5460.
2. Special education students who have completed 4 years of school and qualify to receive a Certificate of Attendance.

3. Students enrolled through a foreign exchange program and qualify to receive an Honorary Diploma.

ACADEMIC AWARD AND HONORS PROGRAM
Levels of Recognition and Criteria:

Graduate Recognition

- **Scholars of Highest Distinction**
  (Gold Stole)
  - Cumulative GPA of 4.0 and above (5.0 scale for AP)
  - ACT 30 and above/SAT score TBD based on ACT-SAT Concordance Chart (or highest 10 scores)

- **Scholars of Distinction**
  (Gold Cords)
  - Cumulative GPA of 3.75 and above (5.0 scale for AP)

- **Scholars of Achievement**
  (Silver Cords)
  - Cumulative GPA of 3.5 and above (5.0 scale for AP)

Undergraduate Recognition: Students earning a 3.5 or greater will receive an academic letter/varsity bar.

Michigan Student Test of Educational Progress (M-STEP)

Participation in the M-STEP is a requirement for graduation. M-STEP incorporates students' ACT/SAT scores with additional State of Michigan skill evaluations. All students will take the tests in their junior year. The ACT/SAT score is reportable to the colleges of their choice so that an additional test for college entrance should not be necessary.

Academic Exceptions

Students striving to reach their maximum individual potential may be allowed to design unique, flexible, comprehensive programs of study, which meet their needs (SB Policy 2370). This includes students requesting to waive the four-year attendance requirement and who wish to graduate early. The district has instituted several processes and alternatives for creating and developing flexible high school programs for students. The Academic Exceptions Committee (AEC) oversees the design of a flexible course of study leading to a high school diploma.

Members of the **Academic Exceptions Committee (AEC)** include: principal, counselor, district administrator, an instructional staff member (selected by the student/parent), and the student and his/her parents(s). The purpose of this committee is to design an individual Educational Development Plan (EDP) for the student. Students interested in completing an academic exception should contact their counselor.

INDEPENDENT STUDY
Offered to junior and/or senior students who are self-disciplined, able to work independently, and have the ability to monitor their own progress. There are two options:

1. Course offered in the curriculum but not taught in a given year or there is an irresolvable conflict in the student's schedule;

2. Specifically designed course providing a student with an intensive study in a particular discipline.

ONLINE LEARNING EXPERIENCE
High school students may elect to earn some credits through a virtual learning environment. The course must be taught by a certified teacher and sponsored by a regionally accredited high school. Students interested in earning credit in this manner should see their counselor.

PERSONAL CURRICULUM
In April 2006, Public Acts 123 & 124 were passed and beginning with the class of 2011, they specified the minimum required credits to graduate from a Michigan public high school. These required credits are known

as the Michigan Merit Curriculum. Public Act 141 allows modifications to these credits. Modifications of Michigan Merit Curriculum are limited to the following four options:

	Available To All Students **A student who wishes to complete additional credit, beyond the number that is already required, in English language arts, mathematics, science or a language other than English, by modifying a credit from Social Studies, Health & Physical Education, or Visual, Performing & Applied Arts.** Modification to Social Studies is allowed only after completing 4 credits of Social Studies which included Civics. English Language Arts & Science credit requirements are not subject to modification under this subsection of personal curriculum.
	Available To All Students **A student, after successfully completing (without necessarily having attained a passing grade in) Algebra I and 1 credit (Term A) of Geometry as stipulated in the Michigan Merit Curriculum, wishes to modify the math requirement must complete 1 of the following:** 1. Successful completion of 7 math or math-related credits, including 2 Algebra, 2 Geometry and 1 Algebra II. 2. Complete a two-year Career & Technical education curriculum, which includes 1 credit of Algebra II content. A student must successfully complete at least 1 mathematics term during his or her final year of high school.
	Available To Students with an IEP **A student with a disability who needs to modify any of the credit requirements**. The modification, which is necessary because of the pupil's disability, is to be consistent with both the pupil's educational development plan and their individualized education program (IEP). Their IEP will identify the appropriate course or courses of study and the support, accommodations, and modifications necessary to allow the pupil to progress in the curricular requirements.
	Available to Transfer Students with 2 Years of HS Credit **A student who has transferred from out of state, home school, or non public school with two years of high school credit.** Their Personal Curriculum plan must include a civics credit, and math credit in their final year of high school. If the student is enrolled in a Michigan public high school for more than one full year, the final year of math must be the equivalent of Algebra I or a math course normally taken after completing Algebra I.

If you are interested in seeking a personal curriculum, please contact your counselor. Personal curriculums must be approved.

TESTING OUT

Schools are required by PA 335, Section 1279B, to provide students with the opportunity to test out of any course. Students must exhibit mastery of the subject matter by attaining a grade of not less than C+ in a comprehensive examination. In addition, students may be required to provide a portfolio, performance, paper, project or presentation if it is a requirement for all students in that course. Credit earned is based on "pass" and will not be included in a computation of grade point average. Credit will be counted toward fulfillment of a requirement as to course sequence. Once a credit is earned, a student may not receive credit in a course lower in the course sequence in the same subject area. Testing out registrations are available in the counseling office. Tests are administered twice per year at times near the end of each semester. Specific dates, deadlines, and procedures can be obtained by contacting the counseling office.

Academic Eligibility

A student must be academically eligible as a condition for participating in (a) high school athletics or (b) extra-curricular activities.

EXTRA CURRICULAR ELIGIBILITY (including Athletics)

To be eligible to participate in extracurricular programs, Lapeer Community School District students must meet the minimal eligibility standards provided by Michigan High School Athletic Association (MHSAA) and Lapeer

Community Schools. For specific details regarding eligibility, see Lapeer Community Schools Athletic Handbook and Student Club Handbook.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)
Classes meeting NCAA core course guidelines are designated in the course descriptions. Students considering participating in college athletics must choose NCAA approved courses. **Students and their parents are responsible for developing a four-year plan that meets the core requirements as determined by NCAA.** ***It is the responsibility of the student who is planning to play college level sports to register with the NCAA Initial Eligibility Center at the completion of their junior year.***
****Registration may be completed at www.eligibilitycenter.com***

Post-Secondary Planning

COLLEGE & CAREER READY
The following information is taken from the Michigan Department of Education website (www.michigan.gov/mde). More information on this topic can be found by choosing the tab for the Michigan Career and College Ready Portal at that site.

Why Career & College Ready?

- 9 out of 10 jobs require education beyond high school.
- 33% of Michigan's high school graduates enrolled in the state's public colleges (including research, state colleges, universities and two-year colleges) require remediation/learning support upon entry.
- Students who complete a bachelor's degree will earn more than $2.5 million dollars more than students who do not earn a diploma.

What is Career & College Ready?

Students that are Career- and College- ready:

- Use technology and tools strategically in learning and communicating
- Use argument and reasoning to do research, construct arguments, and critique the reasoning of others
- Communicate and collaborate effectively with a variety of audiences
- Solve problems, construct explanations and design solutions

Career Planning

All students who graduate from Lapeer Community Schools will have the necessary skills and preparation to enter the workforce or to pursue further education.

STUDENT PORTFOLIO
Each student is encouraged to establish and maintain a student portfolio. The purpose will be to allow students to document their academic, extra-curricular, employment experience, community services, and awards and honors. Students should include samples of writing from the English classes and other academic subjects. A portfolio is a personal collection that reflects one's accomplishments. It will create a favorable impression with future employers and/or with college admissions counselors.

EDUCATIONAL DEVELOPMENT PLANS (EDPs)
An EDP is a six-year plan that provides a structure for planning coursework for high school and post-secondary education. Students will use the EDP to focus their studies and plan courses in order to appropriately prepare for graduation and the transition to college, trade school, or work. EDPs are required for all students before entering high school which would include discussions about **Career Pathways**. Students will develop and update their EDP through the Career Cruising program. Parental guidance is critical.

CAREER PATHWAYS
Students are encouraged to explore the many career possibilities that exist in the world today as well as to consider careers that may be part of their future. Career Pathways assist students in this exploration process.

Hundreds of jobs exist in each of the Career Pathways. Information for each Pathway is provided on pages 95-98 including a listing of occupations requiring different levels of education and emerging or fast growing occupations. Also included are suggested high school courses to explore and/or prepare for training or employment in the Pathway.

Why is Career Planning Important?
Today's job market demands a highly skilled work force. Many new jobs require at least one or more years of education beyond high school. So the courses you select in high school can prepare you for further education and employment. To be successful in today's labor market, young people need to be prepared with a school and employment record that shows high academic achievement, and good attendance, and that you are driven by a purpose and have goals.

Plan of Action
Goals are essential to your academic and occupational career. Goals are your road map, giving a destination and a route.

Where can I get more Information?

Resources for students and parents:

The Michigan College Access Network, MCAN, is a non-profit organization whose mission is to increase college readiness, participation and completion in Michigan by supporting community-based college access strategic programs. Their goal is to increase post-secondary degrees to 60% by the year 2025. Their website is www.micollegeaccess.org.

The Michigan College Access Portal: Michigan CAP. Through www.michigancap.org, you are able to Search for Colleges, Create a College List, Compare Colleges, Navigate the Application Process, as well as find pertinent information about colleges, scholarships and financial aid to help you make decisions.

Students and parents will find www.knowhow2gomichigan.org as a helpful site in preparing for post-secondary goals, as it includes a variety of information specific to middle school and high school students, academics and financial aid.

Information regarding federal funds for college through the Free Application for Federal Student Aid can be found at www.fafsa.ed.gov. Families can estimate their eligibility on the fafsaforecaster.

The Michigan Department of Education website: Michigan.gov/mde is a valuable site to search for college and career readiness information. And especially helpful with many links is the Michigan Career and College Ready Portal for students, parents, teachers and businesses.

- Michigan Occupational Information Systems (MOIS) www.mois.org
- www.careercruising.com
- www.lapeerschools.org/lehs
- www.lapeerschools.org/lwhs
- www.michigan.gov/careers

What are the 6 Career Pathways?

Arts and Communication
Careers in this path are related to humanities and performing, visual, literary and media arts. These include architecture; graphic, interior, and fashion design; writing; film, fine arts; journalism; languages; media; advertising; and public relations

Business, Management, Marketing & Technology
Careers in this path are related to the business environment. These include entrepreneurship (business ownership); marketing, sales, computer and information systems, finance, accounting, personnel, economics, and management.

Engineering/Manufacturing & Industrial Technology

Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies.

Health Sciences
Careers in this path are related to the promotion of health and treatment of diseases. These include research, prevention, treatment, and related health technologies.

Human Services
Careers in this path are related to economic, political, and social systems. These include education, government, law and law enforcement, religion, childcare, and social services.

Natural Resources & Agriscience
Careers in this path are related to agriculture, the environment, and natural resources. These include fisheries, forestry, horticulture, and wildlife.

Exploring Career Pathways

How can Career Pathways help me?
By exploring career majors and suggested pathways now, you can expand your choices for the future. The courses you select in high school can greatly assist your future career development. Career Pathways have been developed for you and your family to use to help make your career and college decisions easier.

By exploring different career pathways, you will see now many of the things you study (math, science, social studies) in school are important in many careers. When you see a connection between what you are learning in school and the demands of the workplace and college admissions requirements, chances are school will mean more to you. Plus, you will be more motivated because you will be in charge of where you are going, and pursuing interests and activities that matter to you.

Career Pathways

Arts and Communications

What Are the Six Career Pathways?	Is This Career Path for You?	Career Categories	Courses in School	Sample Careers and Levels of Required Edu.
Careers in this path are related to the humanities and performing, visual, literary, and media arts. These include architecture; graphic, interior, and fashion design; writing; film; fine arts; journalism; languages; media; advertising; and public relations.	Are you a creative thinker? Are you imaginative, innovative, and original? Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos, or writing stories? This may be the career path for you!	Advertising and Public Relations Creative Writing Film Production Foreign Languages Journalism Radio and TV Broadcasting	Journalism Graphic Arts Language Arts Fine Arts Courses (Arts, Drama Music) Architectural Drafting and Design Sculpture Photography	Public Relations Executive ***UG*** Dancer ***D*** Film Producer ***HS*** Fashion Designer ***UG*** Journalist ***UG*** Radio and TV Broadcaster ***HS***

Business, Management, Marketing, and Technology

What Are the Six Career Pathways?	Is This Career Path for You?	Career Categories	Courses in School	Sample Careers and Levels of Required Edu.
Careers in this path are related to the business environment. These include entrepreneur, sales, marketing, computer/ information systems, finance, accounting, personnel, economics, and management.	Do you enjoy being a leader, organizing people, planning activities, and talking? Do you like to work with numbers or ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market, holding an office in a club, or surfing the Internet? This may be your career path!	Accounting Office Administration Business Ownership Economics Personnel Hospitality/Tourism Management Computer/Information Systems Marketing Sales Finance	Math Language Arts Computer Science Business Management Entrepreneurship Computer Support Accounting Marketing	Loan Officer ***UG*** Economist ***UG*** Legal Secretary ***HS*** Hotel Manager ***HS*** Office Manager ***HS*** Computer Programmer ***HS*** Salesperson ***D*** Travel Agent ***HS***

Career Pathways

Health Sciences

What Are the Six Career Pathways?	Is This Career Path for You?	Career Categories	Courses in School	Sample Careers and Levels of Required Edu.
Careers in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment, and related health technologies.	Do you like to care for people or animals who are sick or help them stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic? This may be your career path!	Dentistry Hygiene Medicine Nursing Nutrition and Fitness Therapy and Rehabilitation	Language Arts Biological Sciences Chemistry Health Education Animal Care Nutrition Math Physics	Dentist ***G*** Dental Hygienist **UG** Doctor ***G*** Veterinary Technician ***UG*** Respiratory Therapist ***UG*** Physical Therapist ***G***

Human Services

What Are the Six Career Pathways?	Is This Career Path for You?	Career Categories	Courses in School	Sample Careers and Levels of Required Edu.
Careers in this path are related to economic, political, and social systems. These include education, government, law and law enforce-ment, leisure and recreation, military, religion, child care, social services, and personal services.	Are you friendly, open, understanding, and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling, or tutoring young children? This could be your career path!	Human Services Education Child and Family Services Food and Beverage Service Law and Legal Studies Law Enforcement Cosmetologist Social Services	History Political Science Social Studies Language Arts Cosmetology Psychology Culinary Arts Child Care	Chef ***HS*** Teacher ***UG*** Lawyer ***G*** Police Detective ***HS*** Cosmetologist ***HS*** Social Worker ***UG*** Librarian ***G*** Firefighter ***HS***

Career Pathways

Engineering/Manufacturing and Industrial Technology

What Are the Six Career Pathways?	Is This Career Path for You?	Career Categories	Courses in School	Sample Careers and Levels of Required Edu.
Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies.	Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies.	Architecture Precision Production Mechanics and Repair Manufacturing Technology Engineering and Related Technologies Drafting Construction	Drafting Science Robotics Machine Tools Physical Sciences/ Physics Industrial/Mechanical Drafting Math Electronics	Architect ***G*** Plumber ***HS*** Electrician ***HS*** Air Traffic Controller ***HS*** Auto Mechanic ***HS*** Chemical Engineer ***UG*** Draftsman ***HS*** Surveyor ***HS*** Geographer ***UG***

Natural Resources and Agriscience

What Are the Six Career Pathways?	Is This Career Path for You?	Career Categories	Courses in School	Sample Careers and Levels of Required Edu.
Careers in this path are related to agriculture, the environment, and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.	Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy hunting or fishing? Do you like to garden or mow the lawn? Are you interested in protecting the environment? This could be your career path!	Agriculture Animal Health Care Earth Sciences Environmental Science Fisheries Management Wildlife Management Horticulture Forestry Life Sciences	Agriculture Astronomy Chemistry Biological Sciences Animal Science Math Botany Geography	Farmer ***HS*** Oceanographer ***UG*** Physicist ***G*** Landscaper ***D*** Marine Biologist ***G*** Conservation Agent ***UG*** Chemist ***UG*** Forester ***UG***

6-12 English Course Sequence Flow Chart

General English Sequence	English 6	English 7	English 8	English 9	English 10	English 11	Capstone English 12 (2 hour block)

English Electives:

6-8: Intro to Creative Writing, Intro to Literature Study, Intro to Speech and Debate, Theatre Arts

9-12: Speech (VPA), Arg and Debate, Intro to Cont Literature, Cont American Literature, Drama Literature, American Film Study, Creative Writing (VPA), Mythology, Holocaust and Middle East, AP Seminar, AP Research

Advanced English Sequence	English SB 7	English SB 8	English SB 9	English SB 10	English SB 11 AP Lang & Composition AP Seminar	AP Lang & Composition AP Lit & Composition AP Research	AP Lit & Composition AP Research Dual Enroll

- **MMC requires all students to complete 4 years of high school English**

6-12 Mathematics Course Sequence Flow Chart

General Math Sequence	Math 6	Math 7	Math 8	Algebra I	Geometry	Algebra II	Algebra III Pre-Calculus Prob & Stats

Mathematics Electives:
Probability and Statistics, Math Related Classes/Senior Year: AP Physics, Conceptual Physics, Forensic Physics, Accounting I/II, Building Wealth, Personal Money Management, Business Math, Consumer Ed, Physics, Drafting, Woods, Metals, Baker: Computer Tech, all skilled trade courses at Ed Tech Center and AP Calculus AB and AP Calculus BC, Statistics, AP Statistics (*Note: L Champs Math Sequence Includes: Alg I, Alg II, and Geometry)

Advanced Math Sequence	Advanced 6 Math 7 Math 8 Algebra I	Advanced 7 Math 8 Algebra I Geometry	Alg I Geometry Alg II Honors Alg II	Geometry Alg II Honors Alg II Pre-Calc & Trig	Alg II Honors Alg II Alg III Pre-Calc& Trig AP Stats AP Calc AB	Alg III Pre-Calc AP Calc AB AP Calc BC AP Statistics Dual Enroll

- **MMC requires students to complete 4 years of math, which must include Alg I, Geometry, Alg II, and one additional math or math related course.**

6-12 Science Course Sequence Flow Chart (Begin with Class of 2022)

General Science Sequence	Science 6	Science 7	Science 8
Advancement through the PLTW Science Sequence	PLTW 6 (2 hour block) * Design and Modeling and Automation and Robotics	PLTW 7 (2 hour block) * Medical Detectives and Flight and Space	PLTW 8 (1 hour block elective only) *App Creators, Computer Science for Innovators and Makers ***AND*** **Science 8** ***OR*** ***High School Sequence***

9-12 PLTW Tracks

Medical Track
i. Principles of Biomedical Science * MCC Bio
ii. Human Body Systems (Elective)
iii. Medical Interventions (Elective)
iv. Biomedical Innovations (Elective)

Engineering Track
i. Intro to Engineering and Design (Elective)
ii. Principles of Engineering * MCC Physics
iii. Engineering Design & Development (Elective)

High School Sequence (MMC)

Biology Requirement	Physics Requirement	Chemistry Requirement

High School Sequence (MMC) may be altered to allow for advancement in area of interest.

High School Sequence (MMC) Options:

Biology Requirement
- Biology
- Life Science
- PLTW - Principles of Biomedical Science
- AP Biology

Physics Requirement
- Physics
- Forensic Physics
- Conceptual Physics ***(Senior Capstone only)***
- PLTW - Principles of Engineering
- AP Physics

Chemistry Requirement
- Chemistry
- Forensic Chemistry
- AP Chemistry

Science Electives:
Anatomy and Physiology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics
Environmental Science
PLTW (Engineering or Medical Tracks - see below)
Dual Enroll

**Some elective courses do have prerequisites that must be fulfilled prior to enrolling in the course.*

6-12 Social Studies Course Sequence Flow Chart

General Social Studies Sequence	SS 6	SS 7	SS 8	World History	Civics/ Economics	US History	4th Social Studies: Psychology Sociology Criminology American Wars: Independence - Expansion, American Wars: Civil War—WWI, 20th Century and Beyond Civil Rights Movement American Sports History Humanities I, II American West American Jury Women in America AP World AP Government & Politics AP Psychology AP US History

Advanced Social Studies Sequence	SS 6	SS 7	SS 8	AP World History	AP Government & Politics Economics	AP US History	4th Social Studies: Psychology Sociology Criminology American Wars: Independence - Expansion, American Wars: Civil War—WWI, 20th Century and Beyond Civil Rights Movement American Sports History Humanities I, II American West American Jury Women in America AP World AP Government & Politics AP Psychology AP US History

- **MMC requires all students to complete 3 years of social studies, which must include World History, Civics, Economics and US History**
- **AP can be taken individually. It is not required to take them all.**

Six Year Plan (EDP)

Name_____ Year of Graduation_____Phone_____ Parent(s) Signature_____	Career Pathways __Arts/Communication __Business/Management __Health Sciences __Human Services __Industrial/Engineering __Natural Resources	Post Secondary Education Goal __College/University Preparation __Community College/Technical Preparation __ Direct entry into work force Preparation
Grade 7 Year __/__ Fall Spring 1 EngEng 2 Math Math 3 ScienceScience 4 S Studies S Studies 5 Health/PE Composition 7 6	Grade 8 Year __/__ Fall Spring 1 EngEng 2 Math Math 3 ScienceScience 4 S Studies S Studies 5 6 Career Exploration Explore: (top three test areas) 1. _____ 2. _____ 3. _____ CII results: (top three career matches) 1. _____ 2. _____ 3. _____	Grade 9 Year __/__ Fall Spring 1 EngEng 2 Math Math 3 World Hist World Hist 4 Biology Biology 5 World Language World Language 6 Career Explored_____ Ed-Tech Goal_____ _____ PSAT 9 Test Results _____ _____
Grade 10 Year __/__ Fall Spring 1 Eng Eng 2 Math Math 3 Chemistry Chemistry 4 Civics Econ 5 World Language World Language 6 PSAT 10 Test _____ Career Explored_____ Work Experience/Community Service _____ _ _____ _	Grade 11 Year __/__ Fall Spring 1 EngEng 2 Math Math 3 ScienceScience 4 US History US History 5 6 Resume completed? yes_____no_____ Work Experience/Community Service_____ _____ SAT/MME Scores_____	Grade 12 Year __/__ Fall Spring 1 EngEng 2 Math Math 3 4 5 6

Students are required to complete 2 years (4 semesters) of the same world language. In addition, they must complete health and physical education prior to graduation. Students must plan accordingly.

Course Index – 6th – 12th Grade

Art		Grades	Cr
6000A	Exploratory Art A	6 – 7	
7000B	Exploratory Art B	6 – 7	
8000	Exploratory Art 8	8	
8035	Advanced Art	8	
010	Art I	9 – 12	2
020	Two Dimensional Art	10 – 12	2
030	Pottery	10 – 12	1
031	Sculpture	10 – 12	1
042	Graphic Design	10 – 12	1
043	Advanced Graphic Design	10 – 12	1
050	Studio Art	11 – 12	1
052	AP Studio Art	11 – 12	1
Business/Computer		**Grades**	**Cr**
6142 7142 8142	Introduction to Coding	6 – 8	
7155 8151	Technology for Life	7 – 8	
M450	Introduction to Engineering & Design	8	
100	Introduction to Business	9 – 12	1
102	Personal Money Management	9 – 12	1
115A&B	Accounting I A&B	*9 – 12	1
116A&B	Accounting II A&B	10 – 12	1
120	Building Wealth	10 – 12	1
132A&B	Marketing/Entrepreneurship I & II	10 – 12	1
137	Sports & Entertainment Marketing	10 – 12	1
139	Business Math	12	1
140	Word Processing I	9 – 12	1
145	Word Processing II	9 – 12	1
150	Computer Apps for Personal Use	9 – 12	1
151	Computer Apps for Desktop Publishing	9 – 12	1
153	Multimedia Production	12	1
157	Web Authoring/Basic Programming	10 – 12	1
160	Photo Editing	9 – 12	1
162	Photo Editing II	9 – 12	1
171	Information Technology	9 – 12	1
English		**Grades**	**Cr**

6210	English 6	6	
6950E	Guided Academics 6	6	
7210	English 7	7	
7222	SpringBoard English 7	7	
7950E	Guided Academics 7	7	
8221	English 8	8	
8222	SpringBoard English 8	8	
8950E	Guided Academics 8	8	
6252 7252 8252	Introduction to Creative Writing	6 – 8	
6257 7257 8257	Introduction to Literature Study	6 – 8	
6259 7259 8259	Introduction to Speech and Debate	6 – 8	
8245	Introduction to Theatre Arts	6 – 8	
220	English 9	*8 – 9	2
950	Guided Academics 9-12	9 – 12	1
221	English 10	10 – 11	2
222	English 11	10 – 11	2
223	English 12	12	2
223	English 12 Capstone	12	2
230	SpringBoard English 9	8 – 9	2
231	SpringBoard English 10	9 – 10	2
263	SpringBoard English 11	10 – 11	2
232	AP English Language & Composition	10 – 12	2

English		Grades	Cr
233	AP English Literature & Composition	11 – 12	2
234	AP Seminar	10 – 11	2
239	AP Research	11 – 12	2
240	Speech Communications	9 – 12	1
241	Argumentation & Debate	10 – 12	1
243	Drama Literature	10 – 12	1
244	Introduction to Contemporary Literature	9 – 10	1
245	Contemporary American Literature	11 – 12	1
250	American Film Study	11 – 12	1

252AD	Creative Writing	9 – 12	1
253	Mythology	10 – 12	1
267D	Literacy Intervention	9 – 11	1
275	Holocaust & Middle East Literature	10 – 12	1
Family & Consumer Science		**Grades**	**Cr**
7715	Outdoor Education	6 – 7	
450	Clothing Construction	9 – 12	1
451	Clothing Construction II	9 – 12	1
455	Foods and Nutrition	9 – 12	1
457	Foods and Nutrition II	9 – 12	1
462	Human Relations	9 – 12	1
468	Child Development I	10 – 12	1
469	Child Development II	10 – 12	1
470	Consumer Education	9 – 12	1
Industrial Technology		**Grades**	**Cr**
400	Woods I	9 – 12	2
401	Woods II	10 – 12	2
402	Woods III	11 – 12	2
403	Woodworking Techniques	11 – 12	2
410	Metals I	9 – 12	2
411	Metals II	10 – 12	2
412	Metals III	11 – 12	2
420	Small Engine Repair	9 – 12	1
421	Basic Electricity	9 – 12	1
422	Electronics	10 – 12	1
423	Robotics	9 – 12	2
430	Drafting I	9 – 12	2
431	Advanced Mechanical Drafting	10 – 12	2
432	Architectural Drafting	10 – 12	2
433	Drafting – Independent Study	11 – 12	2
Math		**Grades**	**Cr**
6522	Math 6	6	
6523	Advanced Math 6	6	
6950M	Guided Academics 6	6	
7522	Math 7	*6 – 7	
7523	Advanced Math 7	7	
7950M	Guided Academics 7	7	
7555	Amusement Park Math	7	
8522	Math 8	*7 – 8	
8950M	Guided Academics 8	8	
530	Algebra I	*6 – 9	2

532	Algebra II	*8 – 12	2
533	Geometry	*7 – 10	2
539	Honors Algebra II	8 – 10	2
950	Guided Academics 9-12	9 – 12	1
540	Probability/Statistics	10 – 12	2
541	Pre-Calculus/Trigonometry	10 – 12	2
542	AP Calculus AB	10 – 12	2
543	AP Statistics	11 – 12	2
545	AP Calculus BC	11 – 12	2
555	Algebra III with Trig	11 – 12	2
Music		**Grades**	**Cr**
6600	6th Grade Band	6	
7601	7th Grade Band	7	
8602	Concert Band	8	
8603	8th Grade Symphony Band	8	

Course Index – 6th – 12th Grade

Music		Grades	Cr
603	9th Grade Concert Band	9	2
604	9th Grade Symphony Band	9	2
600	Concert Band	10 – 12	2
601	Symphony Band	10 – 12	2
602	Jazz Band	9 – 12	2
605	Wind Ensemble	10 – 12	2
6615	6th Grade Choir	6	
7607	7th Grade Choir	7	
8607	8th Grade Choir	8	
8608	8th Grade Advanced Choir	8	
614	9th Grade Advanced Choir	9	2
610	Treble Choir	10	2
611	Choir	9 – 12	2
612	Honors Choir	10 – 12	2
616	Show Choir	9 – 12	2
615	Music Theory and History	9 – 12	2
618A& B	Music Exploration	6 – 12	2
Physical Education		**Grades**	**Cr**
6650	Physical Education 6	6	
7653	Physical Education 7/Health	7	
8650	8th Grade Physical Education	8	
8670	Personal Fitness	8	
650	Physical Education	9	1
651	Health	9 – 12	1
652	Lifetime Fitness I	9 – 10	1
660	Advanced Physical Education	10 – 12	1
670	Physical Conditioning	10 – 12	1
673	Athletic Enhancement	10 – 12	1
675	Female Physical Conditioning	10 – 12	1
Science		**Grades**	**Cr**
6700	Science 6	6	
6730	PLTW Science 6	6	
7700	Science 7	7	
7730	PLTW Science 7	7	
8710	Science 8	8	
8730 8731	PLTW 8 Elective	8	
8730	App Creators (PLTW)	8	
8731	Comp. Science for Innov. & Makers (PLTW)	8	
720	Biology I	8 – 10	2
726	Life Science	9 – 12	2
721	Human Anatomy/Physiology	9 – 12	2
724	AP Biology	10 – 12	2
727	Forensic Chemistry	10 – 12	2
730	Chemistry I	9 – 12	2
731	AP Chemistry	10 – 12	2
740	Physics	9 – 12	2
743	Forensic Physics	9 – 12	2
745	Conceptual Physics	12	2
747	AP Physics	10 – 12	2
761	Environmental Science	10 – 12	2
765	AP Environmental Science	10 – 12	2
770	PLTW Intro. to Engin. & Design (IED)	8 – 12	2
772	PLTW Principal of Biomedical Sciences	8 – 10	2
773	PLTW Engin. Design & Develop. (EDD)	10 – 12	2
774	PLTW Principles of Engineering (POE)	9 – 12	2
775	PLTW Human Body Systems	9 – 12	2
777	PLTW Medical Interventions	10 – 12	2
778	PLTW Biomedical Innovations	11 – 12	2
Social Studies		**Grades**	**Cr**
6800	Social Studies 6	6	
7800	Social Studies 7	7	
8810	Social Studies 8	8	
825	World History	9	2
828	AP World History	9 – 12	2
840	Current Events	11 – 12	2

Social Studies		Grades	Cr
845	Civics	10	1
846	Economics	10	1

851	US History (1877 – Present)	11	2
853	AP United States History	11 – 12	2
862	AP US Government and Politics	10 – 12	2
869	AP Psychology	11 – 12	2
870	Psychology	11 – 12	1
871	Sociology	11 – 12	1
877A&B	Criminology A&B	11 – 12	1
880	Amer. Wars: Independence-Expansion	9 – 12	1
881	Amer. Wars: Civil War – World War I	9 – 12	1
882	Amer. Wars: 20th Century and Beyond	9 – 12	1
883	The Civil Rights Movement	10 – 12	1
886	American Sports History A	9 – 12	1
887	American Sports History B	9 – 12	1
888	Humanities I	9 – 12	2
889	Humanities II	9 – 12	2
890	The American West	9 – 12	1
891	The American Jury	9 – 12	1
892	Women in America	9 – 12	1
World Language		**Grades**	**Cr**
7346	Exploratory French	6 – 7	
7366	Exploratory Spanish	6 – 7	
300	French I	7 – 12	2
301	French II	*8 – 12	2
302	French III	*9 – 12	2
303	French IV	10 – 12	2
304	AP French Language	11 – 12	2
306	French Culture A	10 – 12	1
307	French Culture B	10 – 12	1
310	Spanish I	7 – 12	2
311	Spanish II	*8 – 12	2
312	Spanish III	*9 – 12	2
313	Spanish IV	10 – 12	2
314	AP Spanish Language and Culture	11 – 12	2
315	Spanish & Latin American Culture A	10 – 12	1
317	Spanish & Latin American Culture B	10 – 12	1
389	Exploration in World Languages	6 – 12	2
Yearbook		**Grades**	**Cr**
7150	Publications 7	6 – 7	2
8165	Publications 8	8	2
901	Student Publications	9 – 12	2
Special Education		**Grades**	**Cr**

6235 7235 8235	Reading Intervention	6 – 8	
926	Academic Support	9 – 12	2
93009	High School English Support	9 – 12	2
93209	High School Math Support	9 – 12	2
935	High School Social Studies Support	9 – 12	2
938	High School Science Support	9 – 12	2
Special Programs		**Grades**	**Cr**
6400	Teen Survival Skills	6	
952	Strategies for Success	11	2
955	Career Readiness	10 – 12	1
957	Peer Tutoring	8 – 12	1
958	Human Services	*9 – 12	1
970	Technology Assistant	10 – 12	1
7991 8991	LINKS	6 – 8	
991	LINKS	9 – 12	1
7870 8870	Service Learning	6 – 8	1
9DE	Dual Enrollment	11 – 12	
9DP	Deep (COC) Dual Enrollment	11 – 12	
	Career + Technical Education	11 – 12	