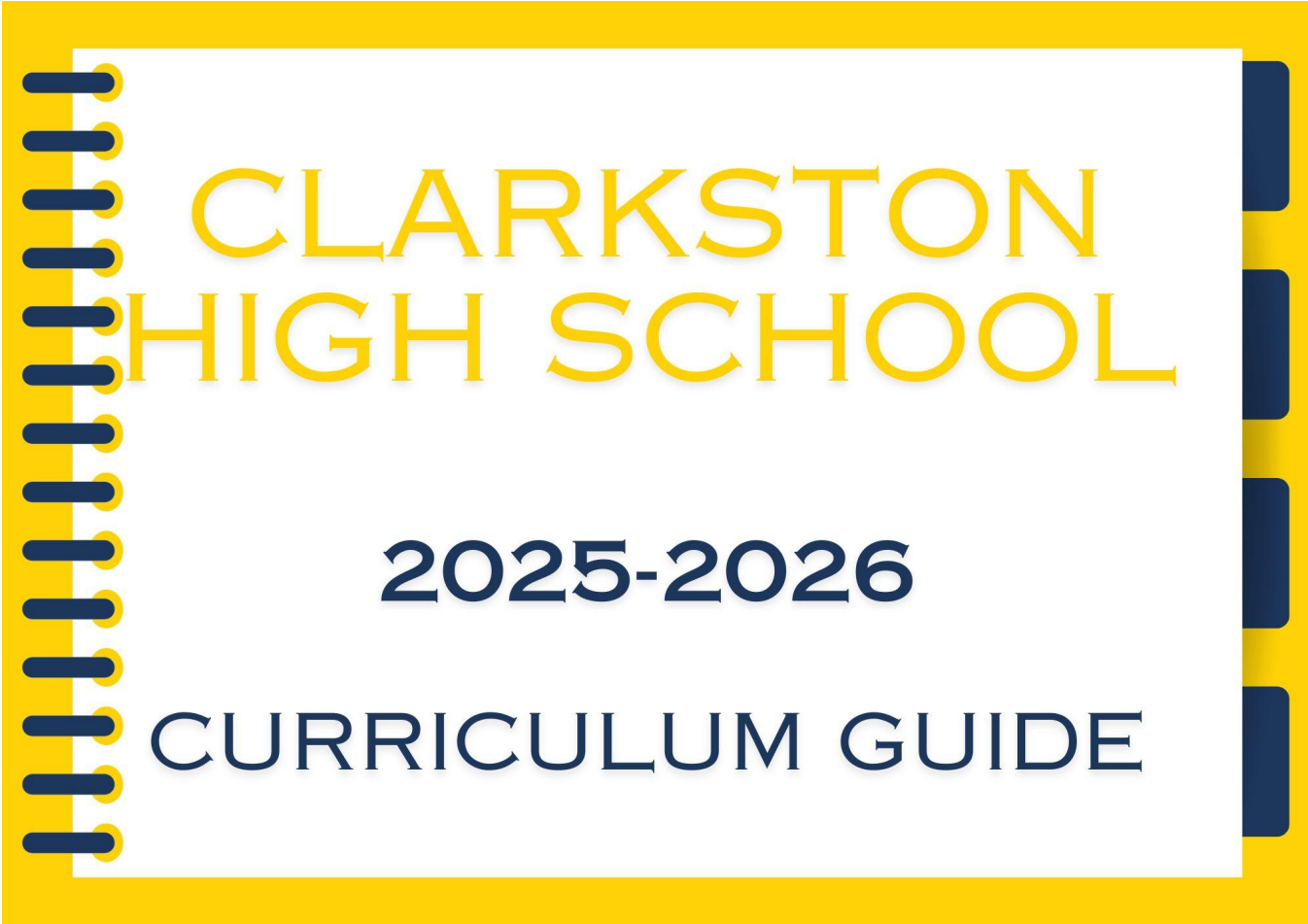


A graphic of a yellow spiral-bound notebook with a white page. The spiral binding is on the left side, and there are four dark blue tabs on the right side. The text is centered on the white page.

CLARKSTON HIGH SCHOOL

2025-2026

CURRICULUM GUIDE

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CLARKSTON HIGH SCHOOL GRADUATION REQUIREMENTS

SUBJECT	CREDITS	SPECIFIC INFORMATION
LANGUAGE ARTS	4	1.0 ELA 9 1.0 ELA 10 1.0 ELA 11 0.5 ELA Elective 0.5 ELA Elective
SOCIAL STUDIES	3	1.0 U.S. History/Geography 1.0 World History/Geography 0.5 Economics 0.5 Civics
SOCIAL STUDIES: Class of 2028 & Beyond	3.5	.5 Personal Finance *Embedded into Economics*
MATH	4	1.0 Algebra 1 1.0 Geometry 1.0 Algebra 2 1.0 Math Elective *Must take a math course senior year*
SCIENCE	3	1.0 credit Biological Science 1.0 credit Physics or Chemistry 1.0 credit Science Elective
WORLD LANGUAGE	2	2.0 credits in the same language
PHYSICAL EDUCATION	1	0.5 credit PE/Health 0.5 credit PE Elective
VISUAL, PERFORMING, & APPLIED ART	1	Any combination of: Performing Arts, Visual Arts, Career and Technical Education, & OSTC
ELECTIVES	4	Any courses that cannot be counted in other categories. This includes core courses in which the student has gone above the minimum requirements listed above.
TOTAL REQUIRED:	22	
TOTAL REQUIRED: 2028 & Beyond	22.5	*Includes State mandated: .5 Personal Finance requirement

Students can log into [StudentVue](#) to check which graduation requirements have been met.
Click on “Course History”, then “Graduation Status” in the upper right-hand corner.

COURSES THAT FULFILL 4TH YEAR MATH ELECTIVE REQUIREMENT:

In addition to traditional math courses, the following non-traditional math courses have been approved to meet the math elective credit required in senior year. Course descriptions can be found in the Applied Technology section of the curriculum guide.

Accounting	Building Wealth	Engineering Graphics
Advanced Accounting	Business Entrepreneurship	Marketing & Advertising
AP Computer Science	Business Management	Marketing 2 School Store Workshop
AP Computer Science Principles	Civil Engineering and Architecture	Mathematical Art
Architecture 1	Construction Math	

Math elective credit can also be obtained through all Oakland Schools Technical Campus Programs

COURSES THAT FULFILL THE VISUAL, PERFORMING & APPLIED ART REQUIREMENT :

Visual Arts	Applied Technology	OSTC
Advanced Digital Photography Advanced Drawing & Painting Art Introduction Ceramics Graphic Design Digital Illustration Digital Photography Drawing Mathematical Art Mixed Media Painting Photoshop Video Game Design	Accounting Advanced Accounting AP Computer Science AP Computer Science Principles Architecture 1,2,3 Building Wealth Civil Engineering and Architecture Computer Networking 1,2,3 Computer Programming 3 Construction Tech 1, 2, 3 Interior Design Marketing & Advertising Marketing II & School Store Wkshp Mechanical Engineering 1,2,3 Media P.M. Television Production Advanced Media Study Web Design 1,2,3	Agriscience & Env Technologies Automotive Technology Collision Repair/Refinishing Computer Programming Construction Technology Cosmetology Criminal Justice Culinary Arts/Hospitality Energy/Electrical Tech Engineering/Robotics/Mechatronics Entrepreneurship/Adv Marketing Graphic & Commun Design Health Sciences Machining Welding
Performing Arts	Family & Consumer Science	Social Studies
Chamber Orchestra Concert Choir (formerly Choralaires) IB Music Theory Jazz Band Madrigals Music Performance Symphonic Band Symphonic Orchestra Symphonic Wind Ensemble Wind Ensemble Theater I Technical Theater	Family Studies Human Relations Nutrition & Wellness	Art History Business Law Personal Economics
	Education and Training	CSMTech
	Child Development Education Practicum 1, 2, 3	A+ Certification AP Bio Lab AP Chemistry Lab Engineering/CAD Internships Multimedia 1 & 2 Programming Science Topics Senior Portfolio Tech Tools 1 & 2

Grade Point Average:

CHS operates on a **weighted 4.0 grading scale**. The cumulative grade point average (GPA) on a transcript includes all courses taken in grades 9-12. If students have enrolled in Advanced Placement courses, equivalent International Baccalaureate courses, or 5th year World Language courses, weighted grade points will be assigned.

Only semester grades are used for calculating cumulative GPA. GPA values are as follows:

	<u>Grading Scale</u>	<u>Grade Point Value</u>	<u>Weighted Grade Point Values</u>
A	92.5 – 100%	4.0	5.0
A-	89.5 – 92.4%	3.7	4.7
B+	86.5 – 89.4%	3.4	4.4
B	82.5 – 86.4%	3.0	4.0
B-	79.5 – 82.4%	2.7	3.7
C+	76.5 – 79.4%	2.4	3.4
C	72.5 – 76.4%	2.0	3.0
C-	69.5 – 72.4%	1.7	2.7
D+	66.5 – 69.4%	1.4	2.4
D	62.5 – 66.4%	1.0	2.0
D-	59.5 – 62.4%	0.7	1.7
E	59.4 & Below	0.0	0.0

Courses That Operate on a 5.0 Scale

AP English Language & Composition (11th grade)
 AP Literature and Composition (12th grade)
 IB1 English HL (11th grade)
 IB2 English HL (12th grade)

AP Statistics
 AP Calculus AB
 AP Calculus BC
 IB Math Analysis & Approaches SL (12th grade)
 CSMTech AP Calculus AB

French V
 German V
 Japanese V
 Spanish V
 IB2 French SL (12th grade)
 IB2 Japanese SL (12th grade)
 IB2 German SL (12th grade)
 IB2 Spanish SL (12th grade)

IB Music Theory

AP Computer Science Principles
 AP Computer Science

AP US History
 AP Government
 AP Microeconomics
 AP Macroeconomics
 AP World History
 AP European History
 AP Psychology
 IB Psychology SL
 IB1 History HL (11th grade)
 IB2 History HL (12th grade)

AP Biology
 AP Chemistry
 AP Physics C
 AP Environmental Science
 IB1 Biology HL (11th grade)
 IB2 Biology HL (12th grade)
 IB1 Chemistry HL (11th grade)
 IB2 Chemistry HL (12th grade)
 CSMTech AP Biology
 CSMTech AP Chemistry
 CSMTech AP Physics

SCHEDULING INFORMATION:

Course Selection: It is important that all students and parents understand that course selection is important and the necessary time should be given to this process. Students are encouraged to meet with their academic teachers to obtain recommendations for courses to enroll in based on course content, and the student's course history and ability.

Schedule changes: Student schedules are final as of June 1st for the following school year. Schedules will only be changed for those students who have failed a course, or who are missing a course required for graduation. Staffing is predicted upon student class requests. Schedule changes at the beginning of the school year or throughout the school year will not be permitted because the student has changed their mind about which course to take. We simply do not have that flexibility.

Waiver: A student may choose to override a teacher's recommendation only if the student has met all of the course prerequisites for that class and a waiver form is completed. Students cannot use a waiver form to opt out of a prerequisite for an advanced course, or to exempt themselves from any portion of a course. The student must obtain a waiver form from his/her counselor. This form must be signed by the student and parent then returned to the counselor. Students will not be able to drop the class once it begins.

TRANSCRIPT INFORMATION:

High School Courses completed PRIOR to the 9th Grade: Students who have completed courses that meet the Michigan Merit Curriculum benchmarks for high school level courses prior to 9th grade will earn credit for the course. The course grade will be reflected on the high school transcript, and a letter grade will be given. The letter grade will not be factored into the high school GPA. Only courses completed in grades 9-12 will be used toward cumulative GPA calculation.

Transfer In Credits: Students who earn credit outside of the Clarkston Community school district may transfer those credits into CHS, provided that the credits earned elsewhere are reflected on an official transcript from an accredited institution. The letter grade earned in the course will be transferred in, and will be calculated into the Clarkston High School GPA.

Course Retake: If a student is retaking a course for grade improvement, the original grade will stay on the transcript. The new grade will be reflected in addition to the original grade after completion of the course. Per student request, the original grade can be removed from the calculated GPA. ***NOTE: For grade improvement purposes, classes MUST be of the same title as the original course (ie: Honors Algebra II - must retake Honors Algebra II; CSM-Tech Geometry - must retake CSM-Tech Geometry)

Pass / Fail Courses: Courses in which a traditional letter grade is not given will be reflected on the transcript as an S (Satisfactory) or U (Unsatisfactory). These grades are not used in the calculated GPA.

Incomplete: Students who earn a grade of Incomplete "I" will be given two weeks after the end of the semester to make up any missing work/exams. If the work is not made up in the allotted time, the grade is changed to the grade as it stands. Requests for consideration of an Incomplete must be approved by administration.

Testing Out of a Class:

- Students may attempt to test out of any class by following the process outlined on page 18. If a student scores 78% or higher on the test, transcripts will be updated and credit will be given for that course.
- No letter grade is given. An "S" grade (Satisfactory) will be reflected on the transcript. Test out will be indicated on the transcript as "TO" next to the course title
- Students testing out for credit recovery (rather than advancement): credit will be granted, but the original grade will stay on the transcript. Per student request, the original grade can be removed from the calculated GPA.

Dual Enrollment:

- Students dual enrolling in a college course may transfer the credit back to the high school for credit, if desired, by providing CHS with an official transcript from the college/university where the course was taken. Students are encouraged to check with the various colleges or universities that they are interested in attending after graduation regarding their policies on accepting dual enrollment credit. Many colleges will not accept the credit for college credit if the student chooses to use it for high school credit as well.

TEST OUT INFORMATION / PROCESS:

Students who wish to test out of a class for credit may attempt to do so by following the process outlined below. Under a semester system, test outs are held twice per year (August and December).

1. Students will submit a test out form, available on the CHS counseling website under “Credit recovery and Test Out.” [CHS Counseling Test Out Link \(Click Here\)](#)
2. Study materials, if available, can be found on the CHS counseling website under “Credit recovery and Test Out.”
3. Once the test is scored, the Department Chair will email students their test results and return the form(s) to the CHS Counseling Department with a percentile score on it.
4. If a student scores 78% or higher, transcripts will be updated and credit will be given for that course.
 - a. No letter grade is given. A “S” grade (Satisfactory) will be reflected on the transcript. Test Out will be indicated on the transcript as “TO” next to the course title (i.e. Civics –TO .500 cr.)
 - b. Students testing for credit recovery (rather than advancement): credit will be granted, but the original grade will stay on the transcript.
5. It is the student’s responsibility to contact their counselor to discuss any necessary schedule changes.

PERSONAL CURRICULUM

The personal curriculum is a documented process that modifies certain requirements of the Michigan Merit Curriculum based on a student’s individual course selection and ability to complete all graduation requirements.

The Personal Curriculum (PC), requested by the parent, legal guardian, or emancipated student, allows the board of a school district or public school academy to award a high school diploma provided the student completes the PC, including as many of the content expectations of the Michigan Merit Curriculum (MMC) as practicable.

Utilizing a Personal Curriculum can be discussed at any time it is determined that all graduation requirements will not be met through a traditional schedule.

For more details on “Personal Curriculum”, click here to review the document: [Personal Curriculum](#)

EDUCATIONAL DEVELOPMENT PLANS & XELLO:

Educational Development Plans (EDP’s):

- Students are expected to update their educational development plans (EDP) prior to scheduling and course selection period. The EDP is a tool designed to help students identify Career Pathways that match their skills and interests. A Career Pathway is a sequence of courses, which provide focus and direction to the student and their educational and career goals.
- Students complete updates to EDP’s in ELA classes throughout the year based on career and college units. Each grade level may be working on their EDP at different times. Ask your student to access their Xello account and show you all of their updates, plans and progress through the years.

XELLO:

- XELLO is an online tool that helps students research careers, schools, career clusters, and more. Xello allows students to create an Educational Development Plan (EDP) including educational and career goals based on the research and resources they access through the XELLO program. XELLO offers a password protected, secure, private area for 8th-12th grade students to store individual information on their career choices, skills, interests, future plans, course requests and EDP’s.
- [XELLO Log In Directions](#)

CREDIT DEFICIENCY:

Transfer Mandate to Renaissance High School

Rationale:

While Clarkston Community Schools is a champion for student choice and respect for individuality, there are times when measures must be taken for the sake of student success. In most circumstances, only a small percentage of students are impacted.

Benefits:

Clarkston Community Schools is fortunate to have a building that offers alternative programming and individual planning for students. Renaissance High School provides a smaller environment with more opportunities for one-to-one interaction and academic/social emotional support.

In addition, RHS provides tailored post-high school planning, including:

- Career Exploration
- College Planning
- Tech/Trade School
- Apprenticeships/Internships
- Military

Students who attend Renaissance High School are awarded the same diploma from Clarkston Schools and therefore have the opportunity to attend CHS graduation, RHS graduation, or both.

Mandated Renaissance Placement Criteria :

Students will be enrolled at Renaissance High School for any/all of the following criteria:

- Fails three core semester classes (defined below)
- Cumulative GPA of 1.50 or below
- Violation of the attendance policy
- Currently on a Restorative Agreement

<u>Core Courses 9th - 12th Grade</u>		<u>Core Courses 8th Grade</u>	
Algebra 1 A	Algebra 2 A	Math 8 A	Math 8 B
Algebra 1 B	Algebra 2 B		
Geometry A	Geometry B	Science 8 A	Science 8 B
Biology A	Biology B	Social Studies 8 A	Social Studies 8 B
Physics/Chemistry A	Physics/Chemistry B	ELA 8 A	ELA 8 B
Science Elective A	Science Elective B		
US History/Geog A	US History/Geog B		
World History A	World History B		
ELA 9 A	ELA 10 A		
ELA 9 B	ELA 10 B		
ELA 11 A	ELA 12 A		
ELA 11 B	ELA 12 B		

***Note** - Special Education Student transfers will be processed by the student's special education team.

Criteria for Request for Transfer:

Students who meet the following criteria may request a transfer to CJHS / CHS:

- Good academic standing
- Good attendance
- No disciplinary action

Michigan Career Pathways

Michigan Career Pathways are large groupings of careers that share common interests, skills, and strengths. Each pathway contains careers that range from entry level to highly specialized. The education levels in each pathway also span high school graduation to advanced degrees. **Selecting your top Career Pathways may help you identify the courses needed to prepare for specific careers.**



- Are you a creative thinker?
- Are you imaginative; innovative; original?
- Do you like to communicate ideas?
- Do you like crafts, drawing, playing an instrument, taking pictures, or creative writing?

Arts and Communications - Careers in this pathway are related to the humanities, the 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. Programs of study may include advertising, architectural drafting, broadcasting, creative writing, education, film production, fine arts, graphic arts, journalism, public relations, sculpture, etc.



- 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?
- Would you enjoy following the stock market or Internet surfing?

Business, Finance, Marketing & Technology - Careers in these pathways are related to all aspects of business including accounting and personnel; economics and finance; business administration and management; computer systems and information processing; sales and marketing. Programs of study include accounting, computer systems and support, economics and management, entrepreneurship, finance, hospitality and tourism, office administration, personnel, sales and marketing, etc.



- Are you mechanically inclined and practical?
- Do you like reading diagrams and blueprints, and drawing building structures?
- Are you curious about how things work?
- Do you enjoy house painting, repairing cars, wiring electrical circuits, or woodworking?

Engineering, Manufacturing & Industrial Technology - Careers in this pathway are related to technologies necessary to design, develop, install, or maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies. Programs include architecture, construction, drafting, electronics, engineering and related technologies, math, mechanics and repair, manufacturing technology, physical sciences, physics, machine tools, and robotics.



- Do you like to care for people or animals who are sick or help them stay well?
- Are you interested in diseases and 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?

Health Sciences - Careers in this pathway are related to the promotion of health as well as research and the prevention and treatment of injuries, conditions, and disease. Programs include animal care, biological sciences, chemistry, dentistry, fitness, health education, nursing, nutrition, therapy, rehabilitation, and hygiene.



- Are you friendly, 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?

Human Services - Careers in this pathway are related to economic, political, and social systems, including child care, civil service, education, government, hospitality, law and law enforcement, leisure and recreation, military, religion and social and personal services. Programs include family services, cosmetology, culinary arts, language arts, law and legal studies, law enforcement, political science, psychology, religion, social services, etc.



- Are you a nature lover?
- Are you practical; curious about the physical world; interested in plants and animals?
- Do you enjoy hunting or fishing?
- Do you like to garden or mow the lawn?
- Are you interested in the environment?

Natural Resources & Agriscience - Careers in this pathway are related to natural resources, agriculture, and the environment. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife. Programs include agriculture, astronomy, biological sciences, botany, chemistry, earth science, fisheries management, forestry, geography, horticulture, wildlife management, etc.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) INFORMATION

Steps to Achieving Your Eligibility- High School Timeline

Freshmen - REGISTER

- If you haven't yet, register for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- Use NCAA Research's [interactive map](#) to help locate NCAA schools you're interested in attending.
- Scroll down for the list of CHS NCAA-approved core courses to ensure you're taking the right courses, and earn the best grades possible!

Sophomores - PLAN

- If you're being actively recruited by an NCAA school and have a Profile Page account, transition it to the required certification account.
- Monitor the task list in your NCAA Eligibility Center account for next steps.
- At the end of the school year, order a transcript through Parchment to have officially uploaded to the NCAA Eligibility Center.
- If you fall behind academically, ask your high school counselor for help finding approved courses you can take.

Juniors - STUDY

- Ensure your sports participation information is correct in your Eligibility Center account.
- Make sure you're on track to complete the required number of NCAA-approved core courses and graduate on time with your class.
- Share your NCAA ID with NCAA schools recruiting you so each school can place you on its institutional request list.
- At the end of the school year, order a transcript through Parchment to have officially uploaded to the NCAA Eligibility Center.

Seniors - GRADUATE

- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- Apply and be accepted to the NCAA school you plan to attend. »
- Complete your final NCAA-approved core courses as you prepare for graduation. »
- After you graduate, order a transcript through Parchment to officially upload to the NCAA Eligibility Center.

Student Registration: To get started, choose from account types:

1. **Profile Page Account:** If you're not sure in which division you want to compete, or are a domestic student who plans to compete at a Division III school, register for a free Profile Page account. If at any time you wish to pursue a Division I or II path, you'll be able to transition your account to the required certification account.
2. **Academic and Amateurism Certification Account:** You must receive an academic and amateurism certification from the Eligibility Center to compete at an NCAA Division I or II school. You must complete the Academic and Amateurism Certification account registration (including payment or fee waiver) before you go on official visits, sign a National Letter of Intent, receive an athletics scholarship or compete at a Division I or II school.
3. **Amateurism-Only Certification Account:** If you're an international student-athlete (first year enrollees and transfers), you must receive an amateurism certification from the Eligibility Center to compete at an NCAA Division III school. You must register with a certification account and receive your final amateurism certification before you can compete at a Division III school.

NCAA ELIGIBILITY REQUIREMENTS

DIVISION I ELIGIBILITY REQUIREMENTS

Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

- Earn 16 NCAA-approved core-course credits in the following areas:
 - 4 years of English
 - 3 years of math (Algebra 1 or higher)
 - 2 years of natural or physical science
 - 1 extra year of English, math, or science
 - 2 years of social science
 - 4 years of extra core courses (or foreign language)
- Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
- Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
- Earn a minimum 2.3 core-course GPA.
- Place an order through Parchment to have your final official transcript with proof of graduation sent to the NCAA Eligibility Center.

DIVISION II ELIGIBILITY REQUIREMENTS

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

- Earn 16 NCAA-approved core-course credits in the following areas:
 - 3 years of English
 - 2 years of math (Algebra 1 or higher)
 - 2 years of natural or physical science
 - 3 additional years of English, math, or science
 - 2 years of social science
 - 4 years of additional core or world language courses
- Earn a minimum 2.2 core-course GPA.
- Place an order through Parchment to have your final official transcript with proof of graduation sent to the NCAA Eligibility Center.

DIVISION III AMATEURISM STANDARDS

While **Division III** schools set their own admissions and academic requirements, international student-athletes (first year enrollees and transfers) who are enrolling at a Division III school after Aug. 1, 2023, must be certified as an amateur by the Eligibility Center. This includes completing the Amateurism-Only Certification account registration before you can compete at a Division III school. Contact the Division III school you plan to attend for more information about its academic requirements.



In January 2023, NCAA Divisions I and II adopted legislation to remove standardized test scores from initial-eligibility requirements for all student-athletes who initially enroll full time on or after August 1, 2023. Check with the NCAA school you plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements. For more information, [click here](#).

CLARKSTON HIGH SCHOOL NCAA APPROVED CORE CLASSES

SCIENCE	MATH	SOCIAL STUDIES	ENGLISH	ADDITIONAL CORE
ADVANCED BIOLOGY	ALGEBRA 2 2 YR / YR 1 (.5 CREDIT)	ANCIENT WORLD HISTORY	ADVENTURES IN LITERATURE	FRENCH I
AP BIOLOGY	ALGEBRA 2 2 YR / YR 2 (.5 CREDIT)	AP EUROPEAN HISTORY	AP ENGL LANG * COMP	FRENCH II
AP CHEMISTRY	ALGEBRA 1	AP MACROECONOMICS	AP ENGL LIT & COMP	FRENCH III
AP ENVIRONMENTAL SCIENCE	ALGEBRA 2	AP MICROECONOMICS	CREATIVE WRITING	FRENCH IV
AP PHYSICS C ELECT/MAGNET	AP CALCULUS AB	AP PSYCHOLOGY	ELA 9	FRENCH V
AP PHYSICS C MECHANICS	AP CALCULUS BC	AP US GOVERNMENT	ELA10	GERMAN I
BIOLOGY	AP COMPUTER SCIENCE A	AP US HISTORY	ELA11	GERMAN II
CHEMISTRY	AP COMPUTER SCIENCE PRINCIPLES	AP WORLD HISTORY	**FUND. OF ELA 10	GERMAN III
CSMT ADVANCED BIOLOGY	AP STATISTICS	CIVICS	**FUND. OF ELA 11	GERMAN IV
CSMT AP BIOLOGY	CALCULUS	CURRENT EVENTS	**FUND. OF ELA 12	GERMAN V
CSMT AP CHEMISTRY	CSMT ALGEBRA 2	ECONOMICS	**FUND. S OF ELA 9	IB FRENCH AB INITIO
CSMT AP PHYSICS C ELEC/MAGNET	CSMT-PRECALC	HONORS US HISTORY / GEOGRAPHY	HONORS ELA 9	IB FRENCH SL
CSMT AP PHYSICS C MECHANICS	CSMT AP CALC AB	IB HISTORY HL	HONORS ELA 10	IB GERMAN SL
CSMT BIOCHEM	CSMT GEOMETRY	IB PSYCHOLOGY SL	IB ENGLISH HL	IB JAPANESE SL
CSMT CHEMISTRY	GEOMETRY	LAW & SOCIETY 1	LITERATURE AND FILM	IB SPANISH SL
CSMT PHYSICS	HONORS ALGEBRA 2	LAW & SOCIETY 2	MODERN LITERATURE	JAPANESE I
ECOLOGY	HONORS GEOMETRY	MEDIEVAL WORLD HISTORY	ORAL COMMUNICATION	JAPANESE II
FORENSIC SCIENCE	HONORS PRE-CALC/TRIG	PSYCHOLOGY 1		JAPANESE III
HONORS BIOLOGY	IB MATH ANALYTICS & APPROACHES	PSYCHOLOGY 2		JAPANESE IV
HONORS CHEMISTRY	IB MATH APPLICATIONS & INTERPRETATIONS	SOCIOLOGY		JAPANESE V
HUMAN ANATOMY & PHYSIOLOGY	MATH ANALYSIS	US HISTORY/GEO		SPANISH I
IB BIOLOGY HL	PRE-CALCULUS/TRIG	WORLD HISTORY / GEOGRAPHY		SPANISH II
IB CHEMISTRY HL	STATISTICS			SPANISH III
PHYSICS				SPANISH IV
PHYSICAL SCIENCE				SPANISH V
				HERITAGE SPANISH

All Dual Enrollment courses level 100 or higher are approved.

CLARKSTON HIGH SCHOOL: UNIQUE ACADEMIC PROGRAMS:

Clarkston Schools is dedicated to offering our students unique program options that best meet a student's interests and aspirations. Whether the student is interested in participating in CHS' rigorous College Preparatory Program or involvement in Career Technical Education; there is a perfect curriculum for each and every Clarkston High School student. Current Options include:

- Advanced Placement Program
- Advanced Studies Endorsement
- Clarkston Career Technical Education (CTE)
- Clarkston Science, Math & Technology Academy (CSM Tech)
- Clarkston Virtual: Blended & Online Learning
- Dual Enrollment
- Oakland ACE Early College Program
- Oakland Schools Technical Campus (OSTC)
- Oakland Schools Technical Campus Early College Program: (OTEC)
- International Baccalaureate Program (IB)
- University of Michigan Flint, Dual Enrollment Educational Partnership (DEEP)

ADVANCED PLACEMENT PROGRAM

The Advanced Placement Program® is a cooperative educational endeavor between secondary schools and colleges and universities. Since its inception in 1955, the Program has provided motivated high school students with the opportunity to take college-level courses in a high school setting. Students who participate in the Program not only gain college-level skills, but in many cases they also earn college credit while they are still in high school. AP courses are taught by dedicated and enthusiastic high school teachers who follow course guidelines developed and published by the College Board.



The Program's success is rooted in the collaborative efforts of motivated students, dedicated teachers, and committed schools. By participating in the Program, secondary schools make the commitment to organize and support at least one class that is equivalent to a first-year college course.

Clarkston High School is pleased to offer a series of Advanced Placement classes to its students. These classes are designed for motivated students who desire an academically rigorous curriculum to reach their full potential. These classes may require advanced research, reading, writing, and prepare students during their high school years to complete college-level work.

Registration in Advanced Placement courses should be carefully considered because the work in these courses and the pace at which the courses are taught will be advanced and commensurate to college-level work. Classes for next year will be sectioned based on the number of student requests. In the event that the number of requests for AP classes is too small to run a section, the course will not be offered, and the student will be asked to select a different class. Students must understand that, upon registering for an Advanced Placement course, they are committed to that decision and understand that they will not be allowed to drop the course(s).

CHS AP Course Offerings:

MATH	SCIENCE	ENGLISH	SOCIAL STUDIES	COMPUTER SCIENCE
AP Calculus AB	AP Chemistry	AP English Literature & Composition*	AP US Government	AP Comp Sci Principles
AP Calculus BC	AP Biology	AP English Language & Composition*	AP Psychology	AP Computer Science A
AP Statistics	AP Physics C	*Summer reading/project required*	AP U.S. History#	
	AP Env Science		AP European History#	
			AP Microeconomics#	
			AP Macroeconomics#	#Offerd on an e/o year basis
			AP World History	

ADVANCED STUDIES RECOGNITION

Criteria:

The Clarkston Community Schools Advanced Studies Recognition was created to encourage students to take rigorous, challenging academic courses offered through Clarkston High School. The requirement for this recognition is taking six courses that are listed on the 5.0 grading scale during their time at Clarkston High School. Eligible candidates will receive recognition at the end of their senior year.

Process:

It is the responsibility of **students and parents to schedule the necessary courses in order to receive the advanced studies recognition.**

Transcripts for all senior students will be reviewed during semester two of senior year. Names of all eligible students will be shared with the principal's office in preparation for graduation and the commencement ceremony.

Curriculum Requirements:

Demonstrated academic proficiency by successful completion of any of the 6 courses listed below:

AP English Language and Composition (11th grade)

AP Literature and Composition (12th grade)

IB1 English HL (11th grade)

IB2 English HL (12th grade)

AP Biology

AP Chemistry

AP Physics

AP Environmental Science

IB1 Biology HL (11th grade)

IB2 Biology HL (12th grade)

IB1 Chemistry HL (11th grade)

IB2 Chemistry HL (12th grade)

CSMTech AP Biology

CSMTech AP Chemistry

CSMTech AP Physics

French V

German V

Japanese V

Spanish V

IB2 French SL (12th grade)

IB2 German SL (12th grade)

AP US History

AP Government

AP Microeconomics

AP Macroeconomics

AP World History

AP European History

AP Psychology

IB Psychology SL

IB1 History HL (11th grade)

IB2 History HL (12th grade)

AP Statistics

AP Calculus AB

AP Calculus BC

IB Math Analysis & Approaches SL (12th grade)

CSMTech AP Calculus AB

AP Computer Science Principles

AP Computer Science

IB Music Theory

IB2 Japanese SL (12th grade)

IB2 Spanish SL (12th grade)

Select Dual Enrollment courses as approved by CHS Administration

The CSMTech Curriculum:

A word cloud featuring various STEM-related terms and skills. The words are arranged in a circular pattern, with some larger and more prominent than others. The words include: Science, Camping Trips, Education, STEM, College Prep, Problem Solving, CSMTech, Teamwork, Technology, Tech Blocks, Math, Internships, Teamwork, Hands-On, Engineering, Career, Teachers, Support, Fun, Skills, Opportunities, Experience, Inspired, Awesome, Confidence, Work-Ethic, Advanced, and Friendships. The words are in various colors including blue, green, red, orange, and purple.

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CAREER AND TECHNICAL EDUCATION

“The Mission of the Clarkston Career & Technical Education program is to prepare students so they have the necessary academic, technical, and work behavior skills to enter, compete, and advance in education and their careers.”



**CLARKSTON
CAREER TECH**

Career Tech may be of interest to you if you would like to explore your interest in:

Accounting, Business Management & Administration, Computer Software Design & Information Technology, Engineering & Drafting, Education, Family & Consumer Sciences, Marketing, Media & Television Production

Why take Career Tech courses at Clarkston High School?

- Career Tech courses are based on the U. S. Labor Department's top ten highest paid and most in demand occupations. We prepare you for the real world of work and give you an appreciation for the career you may or possibly should be considering now.
- Most Career Tech courses allow for credit to be earned at local Colleges and Universities (See below).
- Career Tech teachers have work experience in the fields that they teach.
- Most Career Tech courses are Project-Based and allow you to demonstrate your understanding through your own creativity.
- Additional State and Federal funding for Career Tech courses help us ensure that the most current technology and resources are available for our career tech students.

New Career and Technical Education Options for Michigan Merit Curriculum Core Requirements:

1. Students may elect to use a successfully completed Career and Technical Education course of study to fulfill core graduation requirements. By completing the **entire** course of study, students may elect to exchange:
 - one required World Language graduation requirement
 - the required Science elective requirement
 - both required World Language and Science elective requirements.

Students will not earn Science or World Language credits. They can choose to let their CTE program credits fulfill those graduation requirements. Students can fill out a Science/World Language Graduation Requirement Exchange form in the high school counseling office at the completion of the CTE program.

CHS has the following state-approved courses of study:

- Accounting
- Architectural Drafting and Design
- Computer Programming
- Computer and Network Technology
- Construction Trades
- Education
- Marketing
- Mechanical Engineering

Both CHS & RHS have the following state-approved courses of study:

- Business Administration Management and Operations
- Web Design

2. Computer Science is now a state-approved Science elective credit. Students at CHS can choose from AP Computer Science Principles, or AP Computer Science

CHS/CTE ARTICULATION AGREEMENTS WITH POST-SECONDARY SCHOOLS

An articulation program is when a post-secondary institution awards advanced placement credits to students enrolled in approved Clarkston High School CTE course(s) or an OSTC Northwest program in which the student meets all requirements. See school for more info.

Clarkston High School Course	Post-Secondary Institution	Credits Approved	Additional Requirements
Business Management, Finance & Marketing			
Accounting	Baker College Davenport University	4 Credits	Baker (80% course grade) Davenport (3.0 or higher)
Advanced Accounting	Baker College Davenport University	4 Credits	Baker (80% course grade) Davenport (3.0 or higher)
Business Management	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	3 Credits	Davenport (3.0 or higher)
	Oakland Community College	3 Credits	Oakland Comm Co (3.0 or higher)
	Ferris State University	3 Credits	Ferris State (B or Better)
Entrepreneurship	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	3 Credits	Davenport (3.0 or higher)
	Oakland Community College	3 Credits	Oakland Comm Co (3.0 or higher)
	Ferris State University	3 Credits	Ferris State (B or Better)
Marketing & Advertising	Davenport University	3 Credits	Davenport (3.0 or higher)
	Oakland Community College	3 Credits	Oakland Comm Co (3.0 or higher)
Marketing 2 School Store Wkshp	Davenport University	3 Credits	Davenport (3.0 or higher)
Computer Information Systems & Problem Solving			
Computer Hardware Repair	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	3 Credits	Davenport (3.0 or higher)
Computer Networking	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	3 Credits	Davenport (3.0 or higher)
	Ferris State University	3 Credits	Ferris (B or Better, Net + Cert)
Web Design 1	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	3 Credits	Davenport (3.0 or higher)
Web Design 2	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	3 Credits	Davenport (3.0 or higher)
Intro to Programming	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	6 Credits	Davenport (3.0 or higher)
AP Computer Science	Baker College	4 Credits	Baker (80% course grade)
	Davenport University	6 Credits	Davenport (3.0 or higher)
	Ferris State University	6 Credits	Ferris (B or Better, Java Cert)
Engineering & Design Technology			
Architecture 2	Oakland Community College	4 Credits	Must take both Arch. 1 & 2 Must earn a B+ or better Must earn a B+ or better
	Baker College	4 Credits	
	Ferris State University		
Mechanical Engineering 2	Oakland Community College	4 Credits	Must take both Mech 1 & 2 Must earn a B+ or better
	Baker College		
	Ferris State University		
Engineering Graphics A & B	Oakland Community College	3 Credits	Must earn a B+ or better
	Baker College		
	Ferris State University		
Civil Engineering and Architecture	Ferris State University	3 Credits	85% course grade & pass the end of course assessment
Interior Design	Oakland Community College	3 Credits	Must earn a B+ or better
Education			
Child Development	Oakland Community College	2 Credits	Must earn a B+ or better
Education Practicum 1, 2, 3	Oakland Community College	4 Credits	Must take both EP1 & EP2 Must earn a B+ or better
Teacher Education	Central Michigan University	45 Pre-Student Teaching	Must earn a B or better

		Hours & 3 Credits	& pass the MTTC exam
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CHS/OSTC ARTICULATION AGREEMENTS WITH POST-SECONDARY SCHOOLS

An articulation program is when a post-secondary institution awards advanced placement credits to students enrolled in approved Clarkston High School CTE course(s) or an OSTC Northwest program in which the student meets all requirements.

Oakland Schools Technical Campus (Northwest) Program	Post-Secondary Institution	Credits Approved	Additional Requirements
Graphics & Communication Design	Baker College Ferris State University The Art Institute of Michigan Davenport University Henry Ford Community College Schoolcraft Community College	9 Credits 3 Credits 20 Credits 9 Credits 9 Credits 5 Credits	Contact OSTC-NW
Automotive Technology	Macomb Community College Ferris State University Baker College UNOH	25 Credits 4 Credits 23 Credits 18 Credits	Contact OSTC-NW
Biotechnology & Environmental Science	Oakland Community College	6 Credits	Contact OSTC-NW
Entrepreneurship & Advanced Marketing	Baker College Oakland Community College Macomb Community College Davenport University Northwood University	24 Credits 15 Credits 15 Credits 25 Credits 15 Credits	Contact OSTC-NW
Automotive Collision Repair/Refinishing	Oakland Community College	4 Credits	Contact OSTC-NW
Construction Technology	Davenport University Oakland Community College	13 Credits 10 Credits	Contact OSTC-NW
Criminal Justice	Baker College Northern Michigan University Oakland Community College Ferris State University	21 Credits 4 Credits 3 Credits 6 Credits	Contact OSTC-SE
Culinary Arts/Hospitality	Ferris State University Henry Ford Community College Macomb Community College The Art Institute of Michigan Baker College Davenport University	21 Credits 8 Credits 9 Credits 15 Credits 10 Credits 13 Credits	Contact OSTC-NW
Engineering & Emerging Technologies	Ferris State University Oakland Community College Baker College Lawrence Tech University Macomb Community College	7 Credits 11 Credits 15 Credits 6 Credits 6 Credits	Contact OSTC-NW
Health Sciences	Ferris State University Oakland Community College Baker College	2 Credits 7 Credits 9 Credits	Contact OSTC-NW

CLARKSTON VIRTUAL: ONLINE & BLENDED LEARNING

Clarkston Virtual was developed to provide families with choice in their child's education. Traditional public schooling isn't for everyone. No two students are the same. At Clarkston Virtual we embrace the fact that every student is original, and has their own unique learning style. We also know that every student has a past, a story, and a bright future ahead of them. Clarkston Virtual offers students the opportunity to work at their own pace, on their own time schedule, from the comfort of their own home. Families have found that Clarkston Virtual students benefit from the additional flexibility of being able to work around their extracurricular activities, jobs/internships or other outside interests. Clarkston Virtual students can work virtually from anywhere in the world.

Our VISION: to deliver high quality, innovative K-12 education today, in order to create tomorrow's leaders.

Our MISSION: to provide K-12 students with flexible and rigorous virtual learning opportunities using innovative technologies, well-rounded curriculum(s), and an individualized educational delivery that will help them acquire the knowledge and skills necessary for future success.

Our PHILOSOPHY: Clarkston Virtual helps students meet their fullest potential by working in partnership with families to provide rigorous virtual education that is CCS teacher-mentored and tailored to meet the needs of students from all academic backgrounds. Clarkston Virtual provides students with a top-notch education and maintains valuable family relationships based on the shared belief that the student always comes first.

The choice is available for parents to request that their students(s) in grades K-12 be enrolled in virtual learning. Students in grades K-12 may choose complete (full day) online schooling or individual courses. Clarkston Community schools utilize the following curriculum providers for full-time students as well as students taking a portion of their classes virtually:

- Lincoln Learning
 - [Lincoln Learning K-5 Course Catalog](#)
- Pearson Connexus
 - [CCS Pearson 6-8 Course Catalog](#)
 - [CCS Pearson 9-12 Course Catalog](#)
- GenNET
 - [Course Catalog](#)
- Michigan Virtual
 - [Course Catalog](#)

Please visit the [Clarkston Virtual website](#) if you have any additional questions about online learning opportunities. If you would like to further discuss the online option, please contact Suzie Miller, Supervisor of Special Programs at 248.623.5447

WOLF TIME

Wolf Time is a class that all students participate in bi-weekly. The tenets of the program include supporting students' ability to improve upon real world skills essential for success. Themes woven into the class include: digital citizenship, academic and executive skills, life goals, personal integrity, service to others, health and mindfulness, and self awareness. Wolf Time helps empower students to help themselves and others.

DUAL ENROLLMENT INFORMATION / PROCESS:

Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act, commonly referred to as [Dual Enrollment](#). This law directs school districts to assist eligible high school students in paying tuition and fees for post secondary courses of education at Michigan public or private colleges or universities, if all of the following conditions are met:

1. Students are actively enrolled in at least one high school class in the school district and not beyond four years.
2. An eligible course for dual enrollment is one that is not offered by the school district, or that is offered by the school district but is determined by the governing board not to be available to the student because of a scheduling conflict beyond the student's control.
3. "Not available due to a scheduling conflict" is defined as:
 - a. A scheduling conflict that exists between two core courses,
 - b. A scheduling conflict exists between a core and an elective course in which the student has established an ongoing academic history in the elective program and/or a post-secondary educational plan has been established in the elective area. Students would then take the elective course at CHS, and Dual Enroll for the core class.
 - c. A scheduling conflict exists due to a student's IEP.
4. The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.
5. Students must be enrolled in both the school district and post-secondary institution during the local school district's regular academic year.
6. Students can qualify for dual enrollment by taking one of the following assessments and receiving a qualifying score: PSAT, SAT, ACT PLAN, ACT, or MME
7. Dual Enrollment is only allowed at Michigan postsecondary institutions.

School districts are required to pay the lesser of:

1. The actual charge for tuition, mandatory course fees, materials fees and registration fees; or
2. That state portion of the students' foundation allowance, adjusted to the proportion of the school year they attend the post-secondary institution.

If you believe you are eligible for dual enrollment and wish to participate; review and complete the following Dual Enrollment Paperwork: [CHS Dual Enrollment Qualification Form](#)

INTERNATIONAL BACCALAUREATE PROGRAM



The International Baccalaureate Organization was founded in 1968 and currently works with more than 4,000 schools around the world. Students enrolled in the IB Diploma Programme are involved in a demanding international curriculum that encourages divergent learning. Students share academic experiences which emphasize critical thinking and intercultural understanding. The curriculum coincides with state and national requirements. Students interested in earning the IB Diploma in addition to Clarkston Community Schools' Diploma enter the two-year program as a high-school junior (ages 16 to 19).

The IB Diploma Programme is a comprehensive and challenging pre-university course that demands the best from both motivated students and teachers. The curriculum and pedagogy of IB programmes focus on international perspectives of learning and teaching, while insisting that students fully explore their home culture and language. This sophisticated two-year curriculum covers a wide range of academic subjects and its graduates are welcomed by the world's leading universities.

The education of the whole person is manifested through domains of knowledge with coursework that:

- Covers a broad range of subjects drawing on content from educational cultures across the world.
- Gives special emphasis to language acquisition and development.
- Encourages learning across disciplines and focuses on developing the skills of learning.
- Includes study of individual subjects and of transdisciplinary areas.
- Provides opportunities for individual & collaborative planning and research.
- Includes a community service component requiring action and reflection.

Diploma students take a minimum of six IB designated subjects in addition to submitting a 4,000 word extended essay, completing a curriculum in theory of knowledge (TOK), and participating in creativity, activity, and service (CAS) projects. The diploma is well recognized by the world's leading universities. Students are assessed both internally and externally in ways that measure individual performance against stated objectives for each subject.

Why choose IB?

- Broad range of content from cultures around the world
- Internationally respected curriculum and assessment
- Fosters independent thinking and study habits
- Develops oral communication skills
- Breadth and depth of coursework produces diverse skills valued by employers
- Encourages learning across disciplines
- Provides opportunities for individual and collaborative research
- Engages students in creativity, activity, and service projects

IB prepares students to:

- Ask challenging questions.
- Learn how to acquire knowledge.
- Develop a strong sense of their own identity and culture.
- Develop the ability to communicate with and understand people from other cultures and countries.



UNIVERSITY OF MICHIGAN-FLINT (UM-FLINT) DUAL ENROLLMENT EDUCATIONAL PARTNERSHIP (DEEP)

Overview: The DEEP program allows motivated and qualified students to earn college credit by taking accredited courses through UM-Flint on the CHS Campus. DEEP courses are taught on a Monday/Wednesday or Tuesday/Thursday schedule each week. Courses are taught during the regular high school academic day, providing students with time to participate in additional classes and after-school activities. DEEP courses generally follow the UM-Flint academic calendar. However, UM-Flint faculty will accommodate each high school's Spring Break.

Program Qualifications: A selection process and criteria will be developed by the school district in cooperation with UM-Flint. UM-Flint has established the following general expectations for DEEP program enrollees:

- An overall grade point average of 3.0+
- An interest in post-secondary study in the appropriate professional field
- The ability, maturity, and motivation to undertake successfully the rigor and content of college-level coursework
- A favorable recommendation from the high school principal or counselor addressing the success of the applicant in a college preparatory high school curriculum, including successful completion of 2+ years of HS English with strong writing skills, and other similar characteristics
- Excellent attendance in high school courses



Cost: The DEEP program will be offered to CHS students and families at a reduced-tuition rate.

University Credit:

- Students who participate in this program will be dual-enrolled in their home high schools and the UM-Flint. Credit earned will be part of an official UM-Flint transcript. These credits are applicable to four-year degree programs at UM-Flint and potentially transferable to other institutions.
- Students who intend to transfer these credits to another institution are advised that their intended/preferred transfer institution determines which credits will transfer. The UM-Flint courses selected for the DEEP program are considered by faculty as desirable because they will:
 - Help students develop a stronger academic foundation in the profession being studied, and
 - Accustom students to the rigors of college-level work.

Program Offerings:

- General Studies (12 College Credits)
- Humanities (12 College Credits)
- Liberal Arts (12 College Credits)

For information about courses in each program and additional information, please click [here](#)

*Program courses are subject to change according to UM-Flint discretion.

Applications are available in the CHS Counseling office, and should be turned in to the CHS counselor at the time of schedule card collection.

DEEP Courses Available: <https://www.umflint.edu/k12/clarkston-community-schools>

OAKLAND SCHOOLS TECHNICAL CAMPUS (North West)

Oakland Schools Technical Campus Northwest is an extension of CHS in which students attend half their day at CHS and the other half at OSTC NW. The educational and training opportunities are structured with offerings called clusters. These clusters (there are ten at OSTC NW) are developed around broad occupational areas and contain many different, but related, career training options for students. A team of specialized instructors that possess a Michigan Vocational Authorization, staff these clusters; which ensures necessary technical expertise and knowledge of best instructional methodology practices.

Eligibility and Enrollment: The programs at OSTC are designed as either one or two-year programs with enrollment beginning in the junior year of high school. Juniors, or other first year students, are enrolled in the morning session. These students will receive 1.5 credits. All students may apply for enrollment, but priority will be given to those students that have visited the campuses and have identified the cluster as a career pathway on their EDP. Seats for the host school are limited so early exploration and application is encouraged. Applications for the following year are available at the OSTC website beginning Oct 1st: [Enrollment Application for OSTC- NW](#)

Students interested in applying to OSTC for the 2025-2026 School Year were encouraged to follow this [Step by Step Enrollment Application Process](#) by March 6, 2025 to secure a spot in order to finalize their 2025- 2026 course selections. However, students may apply to OSTC until the end of the school year (June 1st) at which time ALL schedules are FINAL.

Student transportation: Students may choose the bus services provided by Clarkston school district to the North West campus, or provide their own transportation. Students who elect to drive or ride with another assume all responsibilities connected with transportation.

Credit: Oakland Schools Technical Campuses will recommend high school credit for students based on the local district requirement upon successful completion of the cluster requirements. Articulated and direct credits for college courses may be available based on agreements with many post secondary institutions. Credit awards for students will be based on student achievement and the agreement with the particular college or university.

PROGRAM CLUSTERS:

****Click on each cluster below to learn more about each program option****

- [Agriscience and Environmental Technologies](#)
- [Automotive Technology](#)
- [Collision Repair and Refinishing](#)
- [Computer Programming \(NorthEast Campus Only\)](#)
- [Construction Technology](#)
- [Criminal Justice \(SouthEast Campus Only\)](#)
- [Culinary Arts/Hospitality](#)
- [Energy-Electrical Technology](#)
- [Engineering, Robotics & Mechatronics](#)
- [Entrepreneurship and Advanced Marketing](#)
- [Graphic and Communication Design](#)
- [Health Sciences](#)
- [Machining \(NorthEast Campus Only\)](#)
- [Welding \(NorthEast Campus Only\)](#)



- **Cosmetology (NorthEast Campus Only)**

OAKLAND SCHOOLS TECHNICAL CAMPUS EARLY COLLEGE PROGRAM

Oakland Technical Early College (OTEC) is an intensive program offering 11th grade students the opportunity to earn an associate degree related to the technical program the student is enrolled in OSTC. Oakland Schools Technical Campuses have partnered with Oakland Community College to bring Early College opportunities to our campuses. In 11th and 12th grades students take college courses along with their Home High School and OSTC coursework. Students attend Oakland Community College full time during an added 5th year, earning both their associate's degree and a high school diploma. There is no student cost related to college tuition or books.



Requirements:

- Currently a 10th grade student who will be attending a program that is part of OSTC in 11th grade
- Minimum 2.0 High School GPA
- Will complete all 9th and 10th grade graduation requirements by the end of 10th grade
- Complete a separate Oakland Technical Early College application, Counselor Recommendation Form, Transcript, Oakland Community College Application & Oakland Community College placement test.
- Complete a seminar to prepare for OTEC during the summer after 10th grade
- Be enrolled in a participating school district
- Personal transportation is needed for coursework that will be at Oakland Community College or an OSTC location after normal school hours

***For more information watch this [OTEC Overview](#)**

OAKLAND ACE EARLY COLLEGE PROGRAM

ACE is an early college program offered at no-cost to high school students who wish to get a jump start on earning college credits while still in high school.



The 3-year ACE program (a partnership between Oakland Schools and OCC) provides a gradual transition from high school to college in a supportive and monitored environment. Students apply in the 10th grade and start taking classes at OCC when they are juniors. In addition to the opportunity to earn college credits, the program provides college and career guidance, along with soft-skills instruction.

Students stay enrolled as full-time students at their high school all three years of the program. In the 11th and 12th grade, students divide their time between high school classes and classes at OCC. In the added fifth year of high school, students take all of their final high school requirements at OCC. Students will still walk at DTE with their class, and may participate in all end of senior year activities. At the end of the fifth year, students will be awarded with their CHS diploma, as well as an Associate Degree from OCC.

ACE program staff handle all the student scheduling at OCC, placement testing, textbook purchasing, monitoring of academic progress, college applications, and applications for financial aid and scholarships - in addition to delivering a college-success and soft-skills curriculum in weekly seminars with students.

Application materials and more information can be found under “Application Process” on the website:
www.oaklandace.org. Applications are accepted on a rolling basis starting in February each year.

DEPARTMENTAL OFFERINGS:

ENGLISH LANGUAGE ARTS

Course Title	Length	Grade Offered	Prerequisite
ELA 10	2 semesters	10	None
Honors ELA 10	2 semesters	10	A- in ELA 9 or B+ in Honors ELA 9
ELA 11	2 semesters	11	None
AP Language & Composition	2 semesters	11	See course description
AP English Literature	2 semesters	12	See course description
Adventures in Literature	1 semester	11, 12	None
Creative Writing	1 semester	11, 12	None
Literature and Film	1 semester	12	None
Modern Literature	1 semester	11, 12	None
Oral Communications	1 semester	10,11,12	None
Yearbook	2 semesters	10,11,12	Application

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

English Language Arts 10	A (B10061)	B (B10062)	all pathways	NCAA	1 Credit
English Language Arts 10 is designed to help students develop an enjoyment of literature by focusing on reading, speaking, listening, and thinking. Students will engage in both creative and expository writing and will read extensively from a variety of genres including poetry, fiction, and informational texts. This course also focuses on preparing students for the Michigan Merit Exam/ SAT which will be taken during their junior year.					
Grade(s) Taught: 10	Prerequisite: None				

Honors ELA 10 A	A (B10091)	B (B10092)	all pathways	NCAA	1 Credit
Students will be actively involved in whole class and group dialogue, presentations, on-demand literary commentaries (speaking), other presentations, projects, research, and writing. Students will develop their understanding and analysis of the effects of literary features and their ability to express themselves in formal persuasive writing and literary analysis. Students will be asked to think about the various course texts more deeply and widely than previously expected and consider texts of a higher reading level. They will read and analyze a variety of texts including short stories, classic novels, poems and various non-fiction texts. They will strengthen their skills in preparation. The learner profile for this course includes students who are inquiring, risk-takers, thinkers, reflectors, communicators,					

collaborators, enthusiastic, motivated, and compassionate. Summer reading and project REQUIRED	
Grade(s) Taught: 10	Prerequisite: A- in ELA 9 or B+ Honors ELA 9 Honors Language Arts Contract REQUIRED

ELA 11	A (B10121)	B (B10122)	all pathways	NCAA	1 Credit
This rigorous year-long course focuses on the reading and writing skills needed for memoir writing, rhetorical analysis, and argument essays. Students will do extensive thinking and analysis by reading independent novels, small group choice novels, and some whole class literature/texts. There is also narrative writing and an argumentative research paper/project as well as reflective/metacognitive responses and individual/group projects and presentations. College/Career readiness is also included at the end of junior year. This course also focuses on the reading and writing skills necessary to prepare for the SAT and Michigan Merit Exam (MME).					
Grade(s) Taught: 11	Prerequisite: none				

Advanced Placement English Language & Composition	A (B10111)	B (B10112)	all pathways	NCAA	1 Credit
AP English Language and Composition is an introductory college-level composition course. The course focuses on the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise, as well as the development and revision of argument essays and evidence-based synthesis argument essays. It also focuses on the close reading skills needed for a variety of nonfiction texts. Students will study various modes of writing and rhetoric as well as study the grammatical features of sophisticated writing. Career/College planning is included. This course also focuses on the reading and writing skills necessary to prepare for the SAT and MME. This course prepares for the AP Exam with what students should know and be able to do to qualify for college credit or placement. Students are expected to take the AP test in May. This course operates on a 5.0 grading scale. Summer reading and writing are required.					
Grade(s) Taught: 11	Prerequisite: Semester grade of B+ if currently enrolled in ELA 10 Honors; or semester grade of A -, teacher recommendation, and portfolio review if <i>not</i> enrolled in an ELA 10 Honors class. AP Language Arts Contract REQUIRED.				

Advanced Placement English Literature & Composition	A (B10551)	B (B10552)	all pathways	NCAA	1 Credit
This course is designed to prepare students for the Advanced Placement English Literature and Composition Exam. Emphasis is placed on testing strategies, poetry, prose and drama interpretation, essay response, and independent thinking. Students are expected to take the AP test in May. This course operates on a 5.0 grading scale. Summer reading/writing required.					
Grade(s) Taught: 12	Prerequisite: Semester grade of B+ if enrolled in 11 th grade AP Language and Composition; or semester grade of A -, teacher recommendation, and portfolio review if <i>not</i> enrolled in the AP class. AP Language Arts Contract REQUIRED.				

Adventures in Literature	(B10162)	a,h	NCAA	.5 Credit
This course focuses on science fiction, fantasy, and action/adventure literature. It will explore the genres' histories, delve into themes, and storytelling methods. Students will read short stories, a group dystopian choice novel, and an				

independent reading book. Authors studied include (but are not limited to) the following: Shelley, Stoker, Irving, Poe, Bradbury, Asimov, Butler, McCarthy, King, and more. This class requires three summative assessments: an analysis, a creative writing piece, and a presentation.	
Grade(s) Taught: 11, 12	Prerequisite: None

Creative Writing	(B10220)	a,h	NCAA	.5 Credit
This course will require students to become practicing writers by writing daily. Students will share their poetry and short story writing in writers' groups, will read in an area of interest, and complete an independent writing project. Teacher directed lessons and independent choice situations should be expected.				
Grade(s) Taught: 11, 12	Prerequisite: None			

Literature and Film	(B10301)	a,h	NCAA	.5 Credit
This semester course focuses on the close study of narrative film. Students will develop analysis and interpretive skills through the viewing of influential, award-winning films. With few exceptions, the films we study will be from the 1980s, 1990s, or earlier. The course includes daily reading and writing, weekly screenings, as well as regular class discussions and note-taking. Students will learn the vocabulary of literature and film, and will be required to apply this knowledge in three well-developed essays, as well as a presentation.				
Grade(s) Taught: 12	Prerequisite: None			

Modern Literature	(B10163)	a,h	NCAA	.5 Credit
This class is designed as an elective for students seeking to broaden their exposure to young adult and contemporary literature. Readings will include both fiction and nonfiction. This class emphasizes independent reading (books of choice), but also includes book groups, as well as at least one whole-class best-selling novel. This course requires three summative assignments, including analysis and an argument essay.				
Grade(s) Taught: 11, 12	Prerequisite: None			

Oral Communications (Speech)	(B10210)	h,b	NCAA	.5 Credit
This course is designed to acquaint students with the fundamentals of oral communication. The major emphasis of the course is the presentation of speeches, conversation skills, listening techniques, speech presentation and evaluation, interviewing and library skills. Several speeches will be based on student research and writing. Career education is included. (May not be viewed by colleges as English credit)				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Yearbook	A (B20731)	B (B20732)	a		1 Credit
Looking for a challenge next year? Then apply for the yearbook class and join the hardest working staff in the building. We're interested in motivated individuals who have a positive outlook on life at CHS, who don't mind writing and photography and want to be a part of a team that will assemble next year's award-winning Hilltopper yearbook. This is an application course, and applicants will be interviewed prior to being accepted on to the staff.					

Note: Students will receive 1.0 ELA credit and the class must be taken for 2 semesters. **(May be viewed by colleges as an elective credit)**

Grade(s) Taught: 10, 11, 12

Prerequisite: Application

SOCIAL STUDIES			
Course Title	Length	Grade Offered	Prerequisite
World History & Geography	2 semesters	10	None
AP World History	2 semesters	10, 11, 12	B+ in US History/Geo & ELA 9 -or- B in Honors US History/Geo & Honors ELA 9 , Teacher Recommendation
Economics	1 semester	11	None
Civics	1 semester	12	None
AP Macroeconomics	2 semesters	11, 12	Teacher Recommendation
AP Microeconomics	2 semesters	11,12	Teacher Recommendation
AP European History	2 semesters	10, 11, 12	Teacher Recommendation
AP Government	2 semesters	11, 12	Teacher Recommendation
AP Psychology	2 semesters	10,11, 12	Teacher Recommendation
AP U. S. History	2 semesters	10, 11, 12	Teacher Recommendation
Ancient World History	1 semester	10,11,12	None
Art History	1 semester	10, 11, 12	None
Current Events	1 semester	10, 11, 12	None
Law and Society 1	1 semester	11, 12	None
Law and Society 2	1 semester	11, 12	Law and Society 1
Medieval World History	1 semester	10, 11, 12	None
Personal Economics	1 semester	10,11, 12	None
Psychology 1	1 semester	10, 11, 12	None
Psychology 2	1 semester	10, 11, 12	Psychology 1
Sociology	1 semester	11, 12	None
Special Topics in History	1 semester	10, 11, 12	Teacher Recommendation

Career Pathways:

a = arts and communications
h = human services

b = business, management, marketing & technology
n = natural resources

e = engineering and industrial
s= health services

World History and Geography	A (C10121)	B (C10122)	all pathways	NCAA	1 Credit
This class will focus on large-scale patterns that have occurred during the course of history. These patterns include the birth and collapse of empires, the growth of trade networks, war, industrialism and the growth and diffusion of religions. Other large-scale historical and geographic patterns that students will examine include: changes in human governance and economic systems, interactions among societies and regions as well as the impact of demographic, technological, and environmental changes on people and their culture. Students will also be asked to evaluate the events, trends, and forces that are increasing global interdependence. Required for all 10th graders					
Grade(s) Taught: 10	Prerequisite: None				

AP World History	A (C10119)	B (C10120)	all pathways	NCAA	1 Credit
This class will focus on large-scale patterns that have occurred during the course of history. These patterns include the birth and collapse of empires, the growth of trade networks, war, industrialism and the growth and diffusion of religions. Other large-scale historical and geographic patterns that students will examine include: changes in human governance and economic systems, interactions among societies and regions as well as the impact of demographic, technological, and environmental changes on people and their culture. Students will also be asked to evaluate the events, trends, and forces that are increasing global interdependence. Students are expected to take the AP Exam. This course operates on a 5.0 grading scale. This course fulfills the required 10th grade World History graduation requirement.					
Grade(s) Taught: 10, 11, 12	Prerequisite: B+ in 9th grade US History/Geography and B+ in ELA or B in 9th grade Honors US History/Geography and B in 9th grade Honors ELA, teacher recommendation				

Economics	(C10020)	all pathways	NCAA	.5 Credit
This course provides students with an introduction to basic microeconomic and macroeconomic principles; with special focus given to the free enterprise system of the United States. Basic math, graphing skills will be utilized and reinforced. Required for all 11th graders				
Grade(s) Taught: 11	Prerequisite: None			

Civics	(C10010)	all pathways	NCAA	.5 Credit
This class is the study of the conceptual foundations of civic and political life, as well as studying the origins and foundations of the government of the United States. Students will focus on the study of structures and functions of the American Government, citizenship, and applying all of these into everyday action. Emphasis will be placed on citizens' rights and freedoms, the three branches of government and the role of the U.S. citizens within each of these branches. All students will complete a project-based learning project dealing with civic action within our community. Required for all 12th graders.				
Grade(s) Taught: 12	Prerequisite: None			

Advanced Placement Macroeconomics	A (C10681)	B (C10682)	h,b	NCAA	1 Credit
Advanced Placement Macroeconomics is a yearlong course covering basic Macroeconomic theory. This includes economic systems with a focus on national income, price determination, economic growth, monetary and fiscal policy, as well as international trade. Completion of Macroeconomics will enable students to better grasp and analyze national and world economic issues, as well as their proposed solutions. This course will prepare students to take the AP Macroeconomics exam in the spring, and if successful, the granting of three semester hours of college credit in Macroeconomics. Students are expected to take the AP Exam. This course operates on a 5.0 grading scale. This course fulfills the required 11th grade Economics graduation requirement and is offered on a rotating/biannual basis, opposite Advanced Placement Microeconomics. **Please consult your social studies teacher or guidance counselor regarding the availability for this course**					
Grade(s) Taught: 11, 12	Prerequisite: Teacher Recommendation				

Advanced Placement Microeconomics	A (C10671)	B (C10672)	h,b	NCAA	1 Credit
Microeconomics is a yearlong course which studies the economic decision making of consumers and businesses. Emphasis will be placed on supply and demand, markets, market efficiency, and the role of government in the economy. Completion of Microeconomics will enable students to better grasp economic issues, and their proposed solution as it relates to businesses and consumers. This course will prepare students to take the AP Microeconomics exam in the spring and if successful, the granting of three semester hours of college credit in Microeconomics. Students are expected to take the AP Exam. This course operates on a 5.0 grading scale. This course fulfills the required 11th grade Economics graduation requirement and is offered on a rotating/biannual basis opposite Advanced Placement Macroeconomics. **Please consult your social studies teacher or guidance counselor regarding the availability for this course**					
Grade(s) Taught: 11, 12		Prerequisite: Teacher Recommendation			

Advanced Placement European History	A (C10761)	B (10762)	all pathways	NCAA	1 Credit
Advanced Placement European History is a survey course covering major events of the past six centuries, highlighted by study of the Renaissance, art, Reformation, Scientific Revolution, Enlightenment, various political revolutions, Industrial Revolution, World Wars, the Cold War, and modern issues. Extensive reading of (and reflection on) scholarly material will be required. Writing short, long, and document-based essays is also emphasized. Students are expected to take the AP Test in May. This course operates on a 5.0 grading scale and is offered on a rotating/biannual basis, opposite Advanced Placement U.S. History. **Please consult your social studies teacher or guidance counselor regarding the availability for this course**					
Grade(s) Taught: 10, 11, 12		Prerequisite: Teacher Recommendation			

Advanced Placement U.S. History	A (C10351)	B (C10352)	all pathways	NCAA	1 Credit
Advanced Placement U.S. States History is a survey course. After briefly visiting pre-1492 America, the curriculum dives into the Colonial Era, Founding, rise of Mass Democracy, Civil War, the rise of Industry, Manifest Destiny, Imperialism, Great Depression, World Wars, the Cold War, and modern issues. Extensive reading of (and reflection on) scholarly material will be required. Writing short, long, and document-based essays is also emphasized. Students are expected to take the AP Test in May. This course operates on a 5.0 grading scale and is offered on a rotating/biannual basis, opposite Advanced Placement European History. **Please consult your social studies teacher or guidance counselor regarding the availability for this course**					
Grade(s) Taught: 10, 11, 12		Prerequisite: Teacher Recommendation			

Advanced Placement Government	A (C10631)	B (C10632)	h, b	NCAA	1 Credit
This course is a year long study of the machinery and functions of the national government of the United States. We will examine in detail the principal institutions of our political system. How public policies are established and implemented is included in the study. All students are expected to take the AP exam. This course operates on a 5.0 grading scale. This course fulfills the required 12th grade Civics graduation requirement.					
Grade(s) Taught: 11, 12		Prerequisite: Teacher Recommendation			

Advanced Placement Psychology	A (C10661)	B (C10662)	h, b	NCAA	1 Credit
AP Psychology 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 methods and ethics used by psychologists in science and practice. Areas of study will include biological, social, developmental and cognitive fields. Attention to current research and respect of cultural diversity will be addressed throughout the course. Students must be willing to accept the challenge of a rigorous academic course in which responsibility for daily homework is required. All students are expected to take the AP exam. This course operates on a 5.0 grading scale. Note: This is the highest level of psychology. Once this course is taken, you cannot go back to Psychology 2.					
Grade(s) Taught: 10, 11, 12		Prerequisite: Teacher Recommendation			

Ancient World History	(C10060)	all pathways	NCAA	.5 Credit
This course is an investigation of the beginnings of mankind and man's settlement along the river valleys of the ancient world. There will be an evaluation of the world's first empires and their leaders. Topics will include the comparison of geographic, social, political, and military components of each culture studied. Join in the study of Egyptian mummification and the conquests of the ruthless Assyrians and Spartans. Learn who Sennacherib, Hatshepsut, Nebuchadnezzar, and Caligula are!				
Grade(s) Taught: 10, 11, 12		Prerequisite: None		

Art History	(C10130)	a,h		.5 Credit
In Art History, students will explore the creation and cultural/historical relevance of art through various art and architectural movements as they pertain to 2-D and 3-D art. Noteworthy artists and their creations will be observed. Students will create a variety of art projects throughout their investigations.. The material will be studied with a true regional comparative perspective. There are two field trips in this course: One to the Detroit Institute of Arts and the second is a walking tour of the Architecture in Downtown Detroit.				
Grade(s) Taught: 10, 11, 12		Prerequisite: None		

Current Events	(C10050)	b	NCAA	.5 Credit
Let's face it, social media has taken over our lives. Whether it's Twitter, Facebook, Instagram or Snapchat, our world is inundated with information. The problem is trying to figure out what to do with all of this information when it's presented in such limited detail and often from unreliable sources. In this class we will take the media that encircles our lives and learn how to make it valuable. We will evaluate real-world problems that occur locally, nationally and globally and have class discussions on important topics that affect society. Are you looking for a relevant class that will actually talk about things that will impact your life? Do you wish you understood what your parents and relatives were talking about when they discuss politics? Do you enjoy friendly discussion and discourse? If you answered yes to any of these questions, Current Events is the class for you!				
Grade(s) Taught: 10, 11, 12		Prerequisite: None		

Law and Society 1	(C10371)	h, b	NCAA	.5 Credit
This course is a study of the fundamental criminal laws and concepts of the United States. Major areas of concern will focus on general legal terms, courts in the U.S., the arrest process, court procedures, the nature of crime and corrections, and famous crimes and criminals. Guest speakers will be utilized to discuss career opportunities in the various legal fields. The course will require student involvement in law-related simulations and mock trials. Students will take a field trip to the court to observe a criminal trial. Participation in the Teen Court program is an option for students taking this course. Students will have the option of attending the Oakland County Student Law Conference which is held each year.				
Grade(s) Taught: 11, 12	Prerequisite: None			

Law and Society 2	(C10372)	h, b	NCAA	.5 Credit
This course is an advanced study of the fundamental Constitutional and civil laws and concepts of the United States. Major areas of concern will focus on general legal terms of Constitutional and civil law, important U.S. Supreme Court decisions, with an intense focus on individual rights and freedoms. The course will also require student involvement in law-related simulations, mock trials, research, and discussions on controversial issues in law. Students will have the option of taking a field trip to the Oakland County Jail.				
Grade(s) Taught: 11, 12	Prerequisite: Law and Society 1			

Medieval World History	(C10070)	all pathways	NCAA	.5 Credit
This course is an investigation of the Eastern Hemisphere during Medieval times. The class is a comparative study of geographical, social, political, economic, and military structures of Medieval Islam, the Huns, West and East Vikings, Medieval Japan, the Mongols, and the Dark Ages in Europe along with the Crusades. Join the study of knights and samurai and Viking conquests.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Personal Economics	(C10030)	b, h		.5 Credit
Personal Economics is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, savings, cryptocurrency and investing. Students will design personal and household budgets and evaluate and understand loans and taxes. This course will provide a foundational understanding for making informed decisions for future financial planning. Students will also participate in Online Stock Market Simulations.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Psychology 1	(C10651)	b, h	NCAA	.5 Credit
Come and explore the world within! You will explore how psychologists use research in their studies. We will also cover units on memory, why and how people learn, consciousness (sleep & dreaming) and positive psychology. You may even have the chance to see hypnosis in action. Note: This course may be taken before AP Psychology, but NOT after or concurrently.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Psychology 2	(C10652)	b, h	NCAA	.5 Credit
This comes after Psychology 1. This class will help you understand how the brain plays an important role in the field of psychology. We will examine psychological disorders and appropriate therapies people use to treat disorders. A social psychology unit will uncover the dangers of obedience, conformity and compliance. Note: This course may be taken before AP Psychology, but NOT after or concurrently.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Psychology 1			

Sociology	(C10350)	b, h	NCAA	.5 Credit
Sociology is the study of how people interact with one another in group situations and how their behavior varies from one society to another. The purpose of this course is to introduce the scientific study of humans and human behavior in society. Through the study of sociology, students will develop a respect for various ethnic backgrounds and cultural differences. The class will consider the consequences of social stereotyping, prejudice and discrimination, isolation, gender, and gender roles, social structure, and deviant behavior. Other topics will be covered but decided upon based on the semester time constraint.				
Grade(s) Taught: 11, 12	Prerequisite: None			

Special Topics in History		b, h		.5 Credit
Students will explore targeted topics of interest, including: Civil War, Moments in History, History and Film, African American History, 1960's America, Anthropology, Archaeology, Great Battles, History of the Holocaust, History Through Biography, World Religions, Michigan History, Modern World Studies, Native American History, Philosophy, World Cultures, Women's Studies, Vietnam Era				
Grade(s) Taught: 10, 11, 12	Prerequisite: Teacher Recommendation (Current Social Studies Teacher)			

SCIENCE			
Course Title	Length	Grade Offered	Prerequisite **Teacher Recommendation required for all Science courses**
Advanced Biology	2 semesters	10, 11, 12	B or better in Biology
AP Biology	2 semesters	10, 11, 12	Biology or Advanced Biology, and Chemistry
AP Chemistry	2 semesters	11, 12	Co-requisite: Pre-calc/Trig and B or better in Chemistry
AP Environmental Science	2 semesters	10, 11, 12	Prerequisite: Biology or Advanced Biology Chemistry is recommended
AP Physics C	2 semesters	11, 12	Prerequisites: Physics OR AP Calculus AB; Teacher Recommendation. Corequisite: AP Calculus AB (if student has already taken Physics)
Chemistry	2 semesters	10, 11, 12	Pre or Corequisite: Algebra 2
Honors Chemistry	2 semesters	10, 11, 12	Prerequisite: B+ or better in Biology Or B or better in Honors Biology Pre or Corequisite: Algebra 2
Ecology	2 semesters	11, 12	Teacher recommendation
Forensic Science	2 semesters	11, 12	Prerequisite: B or better in Physical Science or Pre or Corequisite: Chemistry
Human Anatomy & Physiology	2 semesters	10, 11, 12	B or better in Biology or Advanced Biology
Physical Science	2 Semesters	10, 11, 12	Teacher Recommendation
Physics	2 semesters	10, 11, 12	Teacher recommendation and Pre or Corequisite of HONORS Algebra 2 or higher level math

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Advanced Biology	A (D10301)	B (D10302)	all pathways	NCAA	1 Credit
This course is a comprehensive in-depth study of advanced biological concepts. Students actively engage in studies of scientific methodology, cell and molecular biology, energy relationships in living things, development and reproduction, genetics and evolution, and ecology. The class requires students to think critically and logically, connections between evidence and explanation. Math and problem solving are integral parts of scientific inquiry in advanced biology.					
Grade(s) Taught: 10, 11, 12	Prerequisite: B or better in Biology, Teacher Recommendation				

Advanced Placement Biology	A (D10661)	B (D10662)	all pathways	NCAA	1 Credit
The Advanced Placement Biology course is designed to be the equivalent of an introductory college biology course. An introductory college level text is used. Topics covered will be those recommended by the College Board as being representative of most first year courses. Appropriate level laboratory experiences will be provided since one-fourth of the credit in most college biology courses is derived from laboratory work. Literature will supplement the text. Opportunities will be offered to students to learn about problem solving, data interpretation and experimental design. This course will prepare students for the AP Biology Exam. It is expected that students enrolled in this class will take the AP exam. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 10, 11, 12	Prerequisite: Biology or Advanced Biology, AND Chemistry, Teacher Recommendation (Physical Science does NOT meet this prereq.)				

Advanced Placement Chemistry	A(D10571)	B (D10572)	e, n, s	NCAA	1 Credit
AP Chemistry is an introductory college level course. A standard college text is used. This course is designed for highly motivated students planning on a career in the sciences. The topics covered are: atoms, forces and structures, chemical reactions, kinetics, thermodynamics, and equilibrium. In addition, 25% of class time is devoted to guided inquiry labs that incorporate essential knowledge and science practices into the learning objectives. Advanced Placement Chemistry prepares students for the AP Chemistry Exam. It is expected that students enrolled in this class will take the AP exam. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 11, 12	Prerequisite: Pre-Calculus/Trig and "B" or better in Chemistry, Teacher Rec				

Advanced Placement Environmental Science	A (D10501)	B (D10502)	e, n, s	NCAA	1 Credit
The Advanced Placement Environmental Science course is designed to be the equivalent of a one semester college introductory environmental science course. Students will explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. Students will take part in laboratory investigations and field work. This course will prepare students for the AP Environmental Science Exam. It is expected that students enrolled in this class will take the AP exam. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 10,11, 12	Prerequisite: Biology or Advanced Biology required, Teacher Recommendation Chemistry is recommended (not required)				

Advanced Placement Physics C	A (D10631)	B (D10632)	e, n, s	NCAA	1 Credit
This course is intended for the highly motivated student who is planning a career in the sciences or engineering. Students enrolled in this course must have a solid foundation in mathematics (through Pre-Calculus and received an A or B). This course will focus on the two major areas of physics : mechanics in semester 1 and electricity & magnetism in semester 2. The mechanics component will include: kinematics, Newtonian dynamics, the conservation laws (energy, linear & angular movement). The use of calculus in problem solving and its derivations is expected to increase as the course progresses. The electricity & magnetism component will include: electrostatics, electric circuits, magnetostatics, and electromagnetism. During the second semester, calculus is used freely in formulating the principles and problem solving. It is expected that students in this class will take the AP exam. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Physics OR AP Calculus AB; and Teacher Recommendation Corequisite: AP Calculus AB (if student has already taken Physics)				

Chemistry	A (D10551)	B (D10552)	e, n, s	NCAA	1 Credit
This is an introduction to chemistry designed to prepare students for a college chemistry course. Topics covered during the first term include atomic structure, the periodic table, bonding, nomenclature, periodic trends, and classification of reactions. The second term includes stoichiometry, equilibrium, acids/bases, and redox. A lab component is part of this course. Parts of the course require significant mathematical computation.					
Grade(s) Taught: 10, 11, 12	Corequisites: Algebra 2, Teacher Recommendation				

Honors Chemistry	A (D10331)	B (D10332)	e, n, s	NCAA	1 Credit
This is a two semester course. During the first semester, topics include Atomic Theory, Quantum mechanics, Periodic Table, Bonding, and chemical reactions. In the second semester, Mole theory, Stoichiometry, Thermochemistry, Gas Laws, Equilibrium and Acids and Bases. The course is designed to have a significant amount of lab time.					
Grade(s) Taught: 10, 11, 12	Prerequisites: B+ or better in Biology or B or better in Honors Biology, Teacher Rec				

Ecology	A (D10341)	B (D10342)	n	NCAA	1 Credit
Ecology is a course that enables students to develop an understanding of the natural environment and the environmental problems the world faces. Students will investigate fundamental ecological principles, human population dynamics, natural resources, energy sources and their uses, human interaction with the environment and personal and civil responsibility. This advanced science course will utilize group lab and field experiences to meet these expectations.					
Grade(s) Taught: 11, 12	Prerequisites: Teacher recommendation				

Forensic Science	A (D10371)	B (D10372)	all pathways	NCAA	1 Credit
Forensic Science is a multidisciplinary laboratory course where students apply scientific concepts to real world criminal investigations. Topics of study include the history of forensic science and major forensic disciplines such as fingerprinting, questioned documents, entomology, firearm examination, digital forensics, serology, trace evidence, and pathology. The course is interdisciplinary with the study of law, ethics and current legal practice affecting the field of forensic science. Students will apply their knowledge to the investigation of simulated crime scenes. The course focuses on problem solving, writing, and research. Through scientific inquiry, students draw evidence-based conclusions.					
Grade(s) Taught: 11, 12	Pre or Corequisite: Chemistry or B or better in Physical Science, Teacher Recommendation				

Human Anatomy & Physiology	A (D10351)	B (D10352)	h	NCAA	1 Credit
This course is for students interested in careers in the medical or health care field. This course will represent a detailed study of the human organism as it relates to both Anatomy and Physiology. Students will study the structure, function, and control of the major tissues, organs, and systems of the body. Lectures and laboratory experiences are emphasized. Lab activities will include blood typing, virtual knee replacement, online dissections, blood pressure and pulse rate, sensory analysis, muscle fatigue, x-ray evaluation, reflex and reaction, digestion and enzyme action, and lung capacity.					
Grade(s) Taught: 10, 11, 12	Prerequisite: B or better in Biology or Advanced Biology, Teacher Recommendation				

Physical Science	A (D10433)	B (D10434)	All pathways	NCAA	1 Credit
The main objective of this survey course is to help make students aware of some of the ways in which physics and chemistry influence their daily lives, and can be used as a precursor to the year-long chemistry and physics classes. The first half of the year will be spent examining such topics as scientific skills, motion and forces, work and energy, electricity and magnetism, and sound and light waves. The second half of the year will be devoted to the chemistry topics of properties of matter, atomic structure, solutions, and chemical bonding, reactions, and radioactivity. Projects, labs, and teamwork are an integral part of this course.					
Grade(s) Taught: 10, 11, 12	Pre or Corequisite: None Teacher Recommendation				

Physics	A (D10601)	B (D10602)	e, n, s	NCAA	1 Credit
This is an introductory course in Physics. The topics include: kinematics, dynamics, energy, momentum and the conservation laws, heat and thermodynamics, waves, electricity and magnetism, optics and modern physics. This course also includes comprehensive laboratory components that utilize current technology.					
Grade(s) Taught: 10, 11, 12	Pre or Corequisite: Pre or Corequisite of HONORS Algebra 2 or higher level math. Teacher Recommendation				

MATH

Course Title	Length	Grades Offered	Prerequisite
Algebra 1	2 semesters	10	Math 8
Geometry	2 semesters	10,11,12	Algebra 1
Honors Algebra 2	2 semesters	10	B+ average in Algebra I, Geometry
Algebra 2	2 semesters	10,11,12	Geometry and Teacher Rec.
2 YR Algebra 2 (1st year)	2 semesters	11	Geometry and Teacher Rec.
2 YR Algebra 2 (2nd year)	2 semesters	12	2 YR Algebra 2 (1st year) and Teacher Rec.
Fundamentals of Algebra 2	2 semesters	11, 12	Geometry and Teacher Rec.
Honors Precalculus w/ Trig	2 semesters	9, 10, 11	A in both Semesters of Algebra 2 and teacher Rec.
Precalculus w/Trigonometry	2 semesters	10,11,12	B- in both semesters of Algebra 2 and Teacher Rec.
Math Analysis	2 semesters	11,12	C- in Algebra 2 or 2 YR Algebra 2 (2nd year) and Teacher Rec.
AP Statistics	2 semesters	10,11,12	C in both semesters of Algebra 2 and Teacher Rec.
Statistics	2 semesters	11,12	D in both semesters of Algebra 2 and Teacher Rec.
AP Calculus BC	2 semesters	10,11,12	A in Precalc/Trig and Teacher Rec.
AP Calculus AB	2 semesters	10,11,12	B in both semesters of Precalc/Trig and Teacher Rec.
Calculus	2 semesters	11,12	Precalc/Trig and Teacher Rec.

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Recommended Calculators for all Math Courses

When purchasing a calculator, Clarkston recommends a **TI-84 Plus calculator**.

When deciding which calculator to purchase, there are **two factors to consider**:

1. Resources for Calculator Use: There are lower cost calculators available to purchase compared to the TI calculators. However, the different brands of calculators do not all operate the same (think PC vs MAC) and even the different calculators within the same brand can be different. It is difficult for all teachers to be fluent in the use of all types of calculators. Clarkston teachers are most familiar with the TI-84 family of calculators. Currently there are also many more resources online to help you in the use of a TI calculator. If you choose a different calculator, your student should be comfortable with using a manual or searching online for resources to help with the use of the calculator.

2. Standardized Testing: Not all calculators are approved for use on all standardized tests such as the ACT, SAT, AP, IB and others. It can be helpful for a student to use the same calculator on a standardized test the student is already familiar with. For a quick listing of which calculators are allowed on certain standardized tests, you can visit the guide published by Texas Instruments at education.ti.com/en/us/solutions/test-preparation-tools/tabs/test-prep. For a complete listing of approved calculators, visit the website for the standardized test you are interested in.

There are a limited number of calculators available for checkout from your school's learning commons until you are able to obtain your own.

While not available to use in class (or on a standardized test), there may be those times where you left your calculator somewhere else. If you have access to the internet, Desmos is a highly recommended online calculator.

Algebra 1	A (E10641)	B (E10642)	all pathways	NCAA	1 Credit
This course develops critical thinking skills in the area of solving multi-step equations, graphing of linear and quadratic equations and inequalities, formulas, applications, solving systems of equations, polynomial factoring, rational expressions, exponents, and problem solving. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Math 8				

Geometry	A (E10721)	B (E10722)	all pathways	NCAA	1 Credit
The lessons in this course meet all of the geometry content standards of the Common Core State Standards for Mathematics (www.corestandards.org/math). This course embeds the CCSS Standards for Mathematical Practice as an integral part of the lessons. This course aims to formalize and extend the geometry that students have learned in previous courses by focusing on • establishing triangle congruence using rigid motions and formal constructions • building a formal understanding of similarity based on dilations and proportional reasoning • developing the concepts of formal proof • exploring the properties of two- and three-dimensional objects • working within the rectangular coordinate system to verify geometric relationships • proving basic theorems about circles • using the language of set theory to compute and interpret probabilities for compound events Students will use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Algebra I				

Honors Algebra 2	A (E10701)	B (E10702)	all pathways	NCAA	1 Credit
This course will include an extension of Algebra 1 concepts, as well as transformations of functions, quadratic equations, complex numbers, polynomial functions, rational exponents, radical functions, exponential functions, logarithms, higher degree polynomials, graphing rational functions, operations with rational functions, sequences and series, conic sections, matrices, linear programming, and an introduction to the unit circle. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 10	Prerequisites: Geometry, B+ Average in Algebra 1 and teacher recommendation				

Algebra 2	A (E10681)	B (E10682)	all pathways	NCAA	1 Credit
Topics include an extension of major concepts of Algebra I, as well as graphing of functions, transformations of functions, polynomial functions, logarithms, radicals, complex numbers, arithmetic sequences, rational expressions and quadratic equations. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Geometry and teacher recommendation				

2 YR Algebra 2 (1st year)	A (E10695)	B (E10696)	all pathways	NCAA	1 Credit
This course is designed for those students who would have difficulty completing Algebra 2 in 2 semesters. This is the first year of the 2 year class. Topics will include an extension of Algebra 1 concepts, as well as arithmetic sequences, geometric sequences, transformations of functions, logarithms, quadratic equations, complex numbers, higher degree polynomials, conic sections, simplifying rational expressions, graphing rational expressions, the unit circle, matrices, and linear programming. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 11	Prerequisites: Geometry and teacher recommendation				

2 YR Algebra 2 (2nd year)	C (E10697)	D (E10698)	all pathways	NCAA	1 Credit
This course is designed for those students who would have difficulty completing Algebra 2 in 2 semesters. This is the 2nd year of a 2 year class. Topics will include an extension of Algebra 1 concepts, as well as arithmetic sequences, geometric sequences, transformations of functions, logarithms, quadratic equations, complex numbers, higher degree polynomials, conic sections, simplifying rational expressions, graphing rational expressions, the unit circle, matrices, and linear programming. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 12	Prerequisites: 2YR Algebra 2 (1st year) and teacher recommendation				

Fundamentals of Algebra 2	A (E10661)	B (E10662)	all pathways		1 Credit
This course is designed for those students who would normally have difficulty completing Algebra 2 over 2 years. Topics will include: an extension of Algebra 1 concepts, arithmetic sequences, geometric sequences, transformations of functions, logarithms, quadratic equations, complex numbers, higher degree polynomials, conic sections, simplifying rational expressions, and graphing rational expressions. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 11, 12	Prerequisites: Geometry and teacher recommendation				

Honors Precalculus with Trigonometry	A (E10803)	B (E10804)	all pathways	NCAA	1 Credit
This course is intended for students who meet the requirements for a rigorous, fast-paced Precalculus/Trigonometry course. The topics for this enhanced curriculum include polynomial, rational, exponential, logarithmic, and trigonometric functions, matrices, parametric and polar equations, sequence and series, and an introduction to Calculus and limits. A TI-84 calculator is highly recommended for this course. While the use of technology is a part of the course, students must be able to understand many concepts and manage certain situations without the aid of a calculator. The intended goal of this course is to prepare students for a future Calculus course.					
Grade(s) Taught: 9, 10, 11	Prerequisites: A in both Semesters of Algebra 2 and teacher recommendation				

Precalculus with Trigonometry	A (E10801)	B (E10802)	all pathways	NCAA	1 Credit
This course is designed to prepare students for the topics, theory and applications encountered in introductory calculus, including precalculus, and trigonometry. Topics include definitions and uses of functions: polynomial, rational, exponential, logarithmic, and trigonometric; complex numbers; angle measure; matrices/determinants. A TI-84 calculator is highly recommended for this course. While the use of technology is a part of the course, students must be able to understand several concepts and manage certain situations without the aid of a calculator.					
Grade(s) Taught: 10, 11, 12	Prerequisites: B- or better in both Semesters A and B of Algebra 2 and teacher recommendation				

Math Analysis	A (E10791)	B (E10792)	all pathways	NCAA	1 Credit
This course is for students who have completed Algebra II, but are not prepared for the level of difficulty found in Pre-Calculus may benefit from this course. Functions, logarithms, and trigonometry will be explored and practical applications are studied. A TI-84 calculator is highly recommended for this class.					
Grade(s) Taught: 11, 12	Prerequisites: C- or better in Algebra 2 and teacher recommendation.				

Advanced Placement Statistics	A (E10871)	B (E10872)	all pathways	NCAA	1 Credit
The topic outline for AP Statistics includes all the statistics topics and the following additional topics: confidence intervals, significance tests, Chi-Squared procedures, inferences for regression, distributions, and proportions, as well as analysis of variance. The use of the graphing calculator in AP Statistics is considered an integral part of the course. A TI-84 calculator is highly recommended for this course. While the use of technology is a part of the course, students must be able to understand several concepts and manage certain situations without the aid of a calculator. Students are expected to take the AP Statistics exam.. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 10, 11, 12	Prerequisites: C or better in both Semesters A and B of Algebra 2 and teacher recommendation				

Statistics	A (E10781)	B (E10782)	all pathways	NCAA	1 Credit
This course is designed for college bound students. The course explores statistics both conceptually and mathematically. The course covers exploring data graphically and using numerical summaries, collecting data, inference, modeling, and probability. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 11, 12	Prerequisites: Teacher Rec. and D or better in both semesters of Algebra 2				

Advanced Placement Calculus AB	A (E10881)	B (E10882)	all pathways	NCAA	1 Credit
Course topics include functions and their graphs, limits continuity, derivatives, integrals, and the relationship between differentiation and integration. Derivation of formulas, methods, and applications of differentiation and integration, and the use of technology comprise the major part of the course. The use of a graphing calculator in AP Calculus is considered an integral part of the course. A TI-84 Plus calculator is highly recommended for this course. While the use of technology is a part of the course, students must be able to understand several concepts and manage certain situations without the aid of a calculator. Students are expected to take the Calculus AB exam. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 10, 11, 12	Prerequisites: B or better in both semesters of Precalculus with Trigonometry and teacher recommendation				

Advanced Placement Calculus BC	A (E10891)	B (E10892)	all pathways	NCAA	1 Credit
The topic outline for Calculus BC includes all Calculus AB topics plus more. The additional topics include: Parametric, polar, and vector functions; analysis of planar curves given different forms, including velocity and acceleration vectors; differential equations; applications of integrals; improper integrals; polynomial approximations and series (concepts of series, series of constants, and Taylor series). The use of the graphing calculator in AP Calculus is considered an integral part of the course. A TI-84 Plus calculator is highly recommended for this course. While the use of technology is a part of the course, students must be able to understand several concepts and manage certain situations without the aid of a calculator. Students are expected to take the Calculus BC exam. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Precalculus with Trigonometry and teacher recommendation. Due to the intensity of this course, an A in Precalculus is strongly recommended.				

Calculus	A (E10811)	B (E10812)	all pathways	NCAA	1 Credit
This course is designed for students with above average ability in Mathematics who plan to continue the study of calculus or its applications to the arts and sciences in college. The course is designed for the student that wants a calculus course, but does not intend on taking the AP Exam. An emphasis will be placed on problem solving. A TI-84 calculator is highly recommended for this course.					
Grade(s) Taught: 11, 12	Prerequisites: Precalculus with Trigonometry and teacher recommendation				

In addition to traditional math courses, the following non-traditional math courses have been approved to meet the math elective credit required in senior year. Course descriptions can be found in the Applied Technology section of the curriculum guide.

Accounting
Advanced Accounting
AP Computer Science
AP Computer Science Principles
Architecture 1

Building Wealth
Business Entrepreneurship
Business Management
Civil Engineering and Architecture
Construction Math

Engineering Graphics
Marketing & Advertising
Marketing 2 School Store Workshop
Mathematical Art

WORLD LANGUAGE			
Course Title	Length of Course	Grade Offered	Prerequisite
French 1	2 semesters	10, 11, 12	None
French 2	2 semesters	10, 11, 12	None
French 3	2 semesters	10, 11, 12	C- in French 2 and Teacher Rec.
French 4	2 semesters	11, 12	C- in French 3 and Teacher Rec.
French 5	2 semesters	12	C- in French 4 and Teacher Rec.
German 1	2 semesters	10, 11, 12	None
German 2	2 semesters	10, 11, 12	None
German 3	2 semesters	10, 11, 12	C- in German 2 and Teacher Rec.
German 4	2 semesters	11, 12	C- in German 3 and Teacher Rec.
German 5	2 semesters	12	C- in German 4 and Teacher Rec.
Japanese 1	2 semesters	10, 11, 12	None
Japanese 2	2 semesters	10, 11, 12	None
Japanese 3	2 semesters	10, 11, 12	C- in Japanese 2 and Teacher Rec.
Japanese 4	2 semesters	11, 12	C- in Japanese 3 and Teacher Rec.
Japanese 5	2 semesters	12	C- in Japanese 4 and Teacher Rec.
Spanish 1	2 semesters	10, 11, 12	None
Spanish 2	2 semesters	10, 11, 12	None
Spanish 3	2 semesters	10, 11, 12	C- in Spanish 2 and Teacher Rec.
Spanish 4	2 semesters	11, 12	C- in Spanish 3 and Teacher Rec.
Spanish 5	2 semesters	12	C- in Spanish 4 and Teacher Rec.
Heritage Spanish B	2 semesters	10, 11, 12	Heritage Spanish speaker & Teacher Rec.

Career Pathways:

a = arts and communications
h = human services

b = business, management, marketing & technology
n = natural resources

e = engineering and industrial
s = health services

French 1	A (F20011)	B (F20012)	all pathways	NCAA	1 Credit
Students will develop communicative skills in listening, speaking, reading and writing French. The course will focus on communication with accuracy in an authentic cultural context.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

French 2	A (F20021)	B (F20022)	all pathways	NCAA	1 Credit
Students will broaden their French vocabulary and continue to develop their communicative skills. Students will be introduced to more complex conversational situations and will experience reading longer texts.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

French 3	A (F20031)	B (F20032)	all pathways	NCAA	1 Credit
The four communicative skills continue to be stressed in the classroom at a more sophisticated and advanced level. Students will participate in diverse activities that will widen their exposure to French.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Must have a C- in French 2 and Teacher Recommendation				

French 4	A (F20041)	B (F20042)	all pathways	NCAA	1 Credit
Students will use their French to further develop their abilities in the four language skill areas at an advanced level. Various activities and experiences will stress communicative proficiency and cultural understanding as major goals.					
Grade(s) Taught: 11, 12	Prerequisites: Must have a C- in French 3 and Teacher Recommendation				

French 5	A (F20051)	B (F20052)	all pathways	NCAA	1 Credit
Students will use their French to further develop their abilities in the four language skill areas. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 12	Prerequisites: Must have a C- in French 4 and Teacher Recommendation.				

German 1	A (F20121)	B (F20122)	all pathways	NCAA	1 Credit
German 1 is an introductory course designed to teach students to understand simple German discourse, both oral and written, relating to self, family, friends, home, school, and pastimes in daily life. Students speak using familiar phrases in basic, survival-level conversation.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

German 2	A (F20131)	B (F20132)	all pathways	NCAA	1 Credit
Students will broaden their German vocabulary and continue to develop their communicative skills. Students will be introduced to more complex grammar and conversational situations and will experience reading longer texts.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

German 3	A (F20141)	B (F20142)	all pathways	NCAA	1 Credit
The four communicative skills will continue to be stressed at a more sophisticated and advanced level. Students will continue to broaden their cultural knowledge and advance in their grammar skills to be able to express more complex situations.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Must have a C- in German 2 and Teacher Recommendation				

German 4	A (F20151)	B (F20152)	all pathways	NCAA	1 Credit
Students will continue to develop their German-language abilities at an advanced level in all four skill areas--speaking, writing, listening, and reading. Emphasis will be placed on communicative proficiency and cultural understanding.					
Grade(s) Taught: 11, 12	Prerequisites: Must have a C- in German 3 and Teacher Recommendation				

German 5	A (F20161)	B (F20162)	all pathways	NCAA	1 Credit
Students will continue to develop their German-language abilities at an advanced level in all four skill areas--speaking, writing, listening, and reading. Emphasis will be placed on communicative proficiency and cultural understanding. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 12	Prerequisites: Must have a C- in German 4 and Teacher Recommendation				

Japanese 1	A (F20171)	B (F20172)	all pathways	NCAA	1 Credit
Students will be able to discuss greetings, introductions, express likes and dislikes, nationalities, body parts, describe family members and friends with an introduction of home and daily activities in polite conversation. Reading and writing of Hiragana will be explored. Historical and cultural aspects of Japanese culture will also be explored.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

Japanese 2	A (F20181)	B (F20182)	all pathways	NCAA	1 Credit
Review of all Japanese 1 with a focus on reading and writing Hiragana and Katakana. The focus again will be polite dialogue, past and present, used in situations for shopping and describing objects bought, describing their town, ordering in a restaurant, asking and granting permission, traveling to Japan, finding their way around and describing a Japanese home.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

Japanese 3	A (F20191)	B (F20192)	all pathways	NCAA	1 Credit
Review of all Japanese 1 and 2, including a review of Hiragana and Katakana. One hundred more Kanji will be learned. A comparison study of polite versus more casual conversation will take place. Students will learn to use verbs in the plain form to discuss what they would like to be, what they think, what they plan to do, giving and receiving objects, talking on the phone, purchasing and mailing objects at the post office, and using more complex sentences. A focus on reading, translating and writing original stories in Japanese will be expected.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Must have a C- in Japanese 2 and Teacher Recommendation				

Japanese 4	A (F20201)	B (F20202)	all pathways	NCAA	1 Credit
Review of all Japanese 1, 2, and 3 including a review of all Hiragana, Katakana. An additional 100 Kanji will be learned. The main goal of this section is to help the student develop comprehension skills and aural comprehension skills through application conversations in a variety of situations.					
Grade(s) Taught: 11, 12	Prerequisites: Must have a C- in Japanese 3 and Teacher Recommendation				

Japanese 5	A (F20211)	B (F20212)	all pathways	NCAA	1 Credit
Students will use their Japanese to further develop their abilities in the four language skill areas. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 12	Prerequisites: Must have a C- in Japanese 4 and Teacher Recommendation.				

Spanish 1	A (F20251)	B (F20252)	all pathways	NCAA	1 Credit
Students will develop communicative skills in listening, speaking, reading and writing Spanish. The course will focus on communication with accuracy in an authentic cultural context.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

Spanish 2	A (F20301)	B (F20302)	all pathways	NCAA	1 Credit
Students will broaden their Spanish vocabulary and continue to develop their communicative skills. Students will be introduced to more complex conversational situations and will experience reading longer texts.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

Spanish 3	A (F20351)	B (F20352)	all pathways	NCAA	1 Credit
The four communicative skills continue to be stressed in the classroom at a more sophisticated and advanced level. Students will participate in diverse activities that will widen their exposure to Spanish.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Must have a C- in Spanish 2 and Teacher Recommendation				

Spanish 4	A (F20421)	B (F20422)	all pathways	NCAA	1 Credit
Students will use their Spanish to further develop their abilities in the four language skill areas at an advanced level. Various activities and experiences will stress communicative proficiency and cultural understanding as major goals.					
Grade(s) Taught: 11, 12	Prerequisites: Must have a C- in Spanish 3 and Teacher Recommendation				

Spanish 5	A (F20431)	B (F20432)	all pathways	NCAA	1 Credit
Students will use their Spanish to further develop their abilities in the four language skill areas. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 12	Prerequisites: Must have a C- in Spanish IV and Teacher Recommendation.				

Heritage Spanish B	A (F20461B)	B (F20462B)	all pathways	NCAA	1 Credit
This course is designed for heritage speakers of Spanish to continue building language proficiency in their native language. Students will strengthen their language skills in reading, writing, listening and speaking through the use of authentic materials for native speakers of Spanish. Units will focus on culturally relevant and important topics and themes impacting the Spanish-speaking world.					
This course will satisfy 1 credit of the World Language graduation requirement, and may be taken for up to 3 years.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Must be a heritage Spanish speaker. Spanish or ELD Teacher Recommendation				

CLARKSTON SCIENCE, MATH, & TECHNOLOGY PROGRAM (CSMTech)			
Course Title	Length	Grade Offered	Prerequisite
CSMTech Geometry	2 Semesters	9	Algebra 1 and passing of the CSMT placement test
CSMTech Advanced Biology	2 Semesters	9	Science 8
CSMTech Tech Tools 1	1 Semester	9	None
CSMTech Algebra 2	2 Semester	10	CSMTech Geometry or B or higher in Honors Geometry*
CSMTech Chemistry	2 Semesters	10	CSMTech Biology or B or higher in Honors Biology*
CSMTech Tech Tools 2	1 Semester	10	None
CSMTech Precalculus	2 Semesters	11	B or better in CSMTech Algebra 2 or Honors Algebra 2
CSMTech Physics	2 Semesters	11, 12	B or better in CSMTech Algebra 2 or Honors Algebra 2
CSMTech BioChem Tech	2 Semesters	11 ,12	B or better in Biology & Chemistry
CSMTech AP Calculus AB	2 Semesters	12	B or better in Precalculus
CSMTech AP Physics	2 Semesters	11, 12	Coreq: AP Calc, Prereq: Physics
CSMTech AP Biology	2 Semesters	11, 12	B or better in Biology
CSMTech AP Chemistry	2 Semesters	11, 12	B or better in Chemistry
Internships	1 Semester	11, 12	Tech Tools 2*, Application
A+ Certification Tech	1 Semester	11, 12	Tech Tools 2*
Multimedia Marketing Tech	1 Semester	11, 12	Tech Tools 2*
AP Chemistry Lab	1 Semester	11, 12	Concurrent w/ AP Chemistry
AP Biology Lab	1 Semester	11, 12	Concurrent w/ AP Biology
Senior Digital Portfolio Tech	1 Semester	12	Tech Tools 2*
Science Topics Tech	1 Semester	11, 12	Tech Tools 2*
Programming Tech	1 Semester	11, 12	Tech Tools 2*

Career Pathways:

a = arts and communications
h = human services

b = business,management, marketing & technology
n = natural resources

*Or Teacher Approval

e= engineering and industrial
s = health services

CSMTech 9th and 10th Grade Curriculum

Mathematics: The 9th and 10th grade CSMTech mathematics curriculum consists of a unified (integrated) mathematics curriculum. Although the semesters are focused on Algebra 2 or Geometry, students will all receive the necessary requirements of trigonometry, probability and statistics to be prepared for college entrance tests, prior to precalculus.

Science: The 9th and 10th grade CSMTech science curriculum consists of a unified (integrated) science curriculum. The semesters are focused on Advanced Biology and Chemistry, and the students will all receive a solid foundation for their AP courses.

Technology: The 9th and 10th grade CSMTech technology curriculum consists of 6 units of Technology discovery. These technologies will provide the students the necessary tools to present concepts/content throughout their four years of the program. CSMTech depends on the students learning these technologies for future classes.

CSMTech Geometry	A (V21121)	B (V21201)	all pathways	NCAA	.5 Credit
This college-preparatory advanced course integrates geometry, trigonometry, probability and statistics, calculators, problem solving and applications of mathematics. This course includes a study of basic definitions, postulates, theorems, and figures of geometry including points, lines, planes, polygons, circles, parallel and perpendicular lines and planes, constructions, the writing of deductive proofs and algebraic applications to plane and solid geometric figures. The course is taught through the use of labs/activities, calculators, problem solving and real-world applications with a heavy emphasis placed on methods of problem solving, problem recognition, applications and communication of mathematics. Students will use TI-Nspire CX calculators and Geogebra as aids in their discoveries and understanding of Geometry concepts.					
Grade(s) Taught: 9	Prerequisite: Algebra 1 and passing of CSMT placement test				

CSMTech Advanced Biology	A (V21102)	B (V21213)	all pathways	NCAA	1 Credit
This course focuses on advanced biology as a unifying theme with concepts incorporated from biophysics, earth science, ecology, and chemistry. Conceptual themes are integrated with meaningful field and laboratory experiences to develop the student's ability to recognize and solve scientific problems. Emphasis is on the fundamental rules of nature and how they impact their world. On completion of this course, students will be well prepared for AP Biology.					
Grade(s) Taught: 9, 10	Prerequisites: Science 8 or equivalent				

CSMTech Tech Tools 1	(V21210)	all pathways	NCAA	.5 Credit
This course introduces students to the engineering design process and multimedia computer technology. Students will learn how to better communicate their knowledge by incorporating project design, digital video, presentation tools, and web design into their math and science classes. Projects may include "Me Videos", Rube Goldberg/Catapult Engineering projects, Presentation Techniques, Photoshop, Robotics to name a few.				
Grade(s) Taught: 9	Prerequisite: None			

CSMTech Algebra 2	A (V21202)	B (V21203)	all pathways	NCAA	.5 Credit
This course integrates functions-based algebra, transformations, quadratic equations, complex numbers, higher degree polynomials, simplifying rational expressions, and graphing rational functions. The course is taught through the use of labs/activities, calculators, problem solving and real-world applications with a heavy emphasis placed on methods of problem solving, problem recognition, applications and communication of mathematics.					
Grade(s) Taught: 10	Prerequisite: CSMTech Geometry or B or higher in Honors Geometry*				

CSMTech Chemistry	A (V21211)	B (V21212)	all pathways	NCAA	1 Credit
This course focuses on chemistry as a unifying theme with concepts incorporated from earth sciences, biochemistry, environmental chemistry and organic chemistry. Upon completion of this course, students will be well prepared to take AP Chemistry.					
Grade(s) Taught: 9, 10	Prerequisites: CSMTech Biology or B or higher in Honors Biology*				

CSMTech Tech Tools 2	(V21230)	all pathways	NCAA	.5 Credit
This course is a continuation of Technology 1 and takes the students to a more advanced level and into more detail with the design process and computer software tools to further enable them to communicate effectively in the digital world. Projects include Rube Goldberg/Catapult Engineering projects, Programming, Fathom Dynamic Mathematics Projects, Illustrator and Flash to name a few.				
Grade(s) Taught: 10	Prerequisite: Tech Tools 1			

CSMTech Precalculus with Trigonometry	A (V21311)	B (V21312)	all pathways	NCAA	1 Credit
This college-preparatory advanced course is designed to prepare students with the theory and applications encountered in introductory calculus, including pre-calculus, and trigonometry. Topics include functions (polynomial, rational, exponential, logarithmic and trigonometric) and complex numbers. A principal feature of the course is the balance obtained among the algebraic, numerical, graphical and verbal methods of problem solving and learning to choose which is the most appropriate for a particular program. The course is taught through the use of labs/activities, calculators, problem solving and real-world applications with a heavy emphasis placed on methods of problem solving, problem recognition, applications and communication of mathematics. Students will use TI-Nspire CX calculators and iPads as aids in their discoveries and understanding of concepts.					
Grade(s) Taught: 11	Prerequisites: B or better in CSMTech Algebra 2 or Honors Algebra 2				

CSMTech Physics	A (V21321)	B (V21322)	all pathways	NCAA	1 Credit
This course covers the fundamentals of physics including: laws of motion, energy, electricity, heat, sound, and light. There is a heavy emphasis on investigative laboratory work which includes problem solving, research, technology projects and real-world applications. Students must be prepared to discuss their ideas and ideologies in whole group discussions.					
Grade(s) Taught: 11, 12	Prerequisites: B or better in CSMTech Algebra 2 or Honors Algebra 2				

CSMTech BioChem Tech	A (V21331)	B (V21332)	all pathways	NCAA	1 Credit
Biotechnical Engineering (BE) course is a course that exposes students to the diverse fields of biotechnology including biomedical engineering, bio-molecular genetics, bioprocess engineering, and agricultural and environmental engineering. Lessons engage students in engineering design problems that can be accomplished in a high school setting related to biomechanics, cardiovascular engineering, genetic engineering, agricultural biotechnology, tissue engineering, biomedical devices, human interface, bioprocesses, forensics, and bioethics. Students in this course will apply biological and engineering concepts to design materials and processes that directly measure, repair, improve, and extend living systems.					
Grade(s) Taught: 11, 12	Prerequisites: CSMTech Biology and CSMTech Algebra 2 or Honors Algebra 2				

CSMTech Advanced Placement Calculus AB	A (V21511)	B (V21512)	all pathways	NCAA	1 Credit
AP Calculus is a course consisting of a full academic year of work in calculus and related topics and is comparable to courses in colleges and universities. Course topics include functions and their graphs, limits, continuity, derivatives, integrals, and the relationship between differentiation and integration. The use of projects and technology enhance the course, with exposure to MAPLE symbolic manipulation software. The use of a TI-84 Plus graphing calculator is highly recommended for this course. TI Voyage 200, TI-89, TI - 92, and TI-Nspire CAS (non CAS is permitted) calculators are not permitted. Students are expected to take the Calculus AB exam and fees will be collected in the					

fall. This course operates on a 5.0 grading scale.	
Grade(s) Taught: 12	Prerequisites: Precalculus

CSMTech Advanced Placement Physics C	A (V21411)	B (V21412)	all pathways	NCAA	1 Credit
AP Physics C covers calculus based classical mechanics and electricity and magnetism. The course is an extremely intensive, college level course that requires strong math and reasoning skills. It is expected that the students will take the AP exam in May. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 11, 12	Co-requisite: AP Calculus AB, Prerequisite: Physics				

CSMTech Advanced Placement Biology	A (V21421)	B (V21422)	all pathways	NCAA	1 Credit
AP Biology is designed to be the equivalent of a 2-semester college introductory biology course. The major areas of study are: molecules and cells, heredity and evolution, and organisms and populations. It is expected that the students will take the AP exam in May. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 11, 12	Prerequisites: B or better in CSMTech Biology				

CSMTech Advanced Placement Chemistry	A (V21431)	B (V21432)	all pathways	NCAA	1 Credit
AP Chemistry is designed to be the equivalent of an introductory college chemistry course. Covered topics include: structure of matter, states of matter, reactions, descriptive chemistry, and laboratory experience. This course requires a good amount of reading and problem solving. It is expected that the students will take the AP exam in May. This course operates on a 5.0 grading scale.					
Grade(s) Taught: 11, 12	Prerequisites: B or better in CSMTech Chemistry				

Internships Tech	(V21610)	all pathways		.5 Credit
Students will partner with a business/industry in a 60 hour work experience. It is designed to provide students the opportunity to career shop by matching their career goals to their internship (paid or unpaid). Students actively seek out their internship with help from a CSMTech facilitator. All internships must be secured and paperwork processed before the internship is to begin. Students may take internships more than once but the internship must provide a different experience.				
Grade(s) Taught: 11, 12	Prerequisite: Application, Review			

A+ Certification Tech	(V21620)	b, e		.5 Credit
Students will complete a certification in computer hardware assembly and diagnostics. Upon completion of all coursework and passing the exit exam, students will be eligible to take the certification exam.				
Grade(s) Taught: 11, 12	Prerequisite: CSMTech Tech Tools 2			

Multimedia Marketing Tech	(V21700)	a, b		.5 Credit
Students will focus on video and editing techniques to present their concept to the market. Specifically green screen and stop frame animation will be a focus. Technologies can include Final Cut, Flash, Photoshop and Illustrator.				
Grade(s) Taught: 11, 12	Prerequisite: CSMTech Tech Tools 2			

AP Chemistry Lab	(V21630)	all pathways		.5 Credit
AP Chemistry Lab is designed to be the equivalent of an introductory college chemistry laboratory course. All the laboratory experiments necessary to meet the AP Chemistry curriculum are covered . It is expected that the students are taking AP Chemistry concurrently.				
Grade(s) Taught: 11, 12	Prerequisite: CSMTech Tech Tools 2 Co-requisite: AP Chemistry			

AP Biology Lab	(V21660)	h, n, s		.5 Credit
Students will learn different body systems while performing mammalian dissections and documenting the process through digital technology. Field trips to human cadaver labs, prosthetics manufacturers, and hospitals may also highlight this class. It is expected that students are taking AP Biology concurrently.				
Grade(s) Taught: 11, 12	Prerequisite: CSMTech Tech Tools 2 Co-requisite: AP Chemistry			

Senior Digital Portfolio Tech	(V21670)	a, b		.5 Credit
All seniors must complete a comprehensive, web-based digital portfolio encompassing their 4 years of high school using a variety of multimedia tools. The final product is to be archived on digital media.				
Grade(s) Taught: 12	Prerequisite: CSMTech Tech Tools 2			

Science Topics Tech	(V21680)	a, b		.5 Credit
Students will explore a recent topic in the area of science applications (i.e. nanotechnology, alternative energy). Students will conduct research and develop applications that use science and produce a multimedia presentation.				
Grade(s) Taught: 11, 12	Prerequisite: CSMTech Tech Tools 2			

Programming Tech	(V21690)	a, b, e		.5 Credit
This course is an introduction to computer programming. No programming experience is necessary. Students will learn fundamental concepts and skills of programming in a high-level language, focused on LabView. Assessments will be done through student created and debugged programs that focus on real-life oriented tasks. Good program design, structure, and style are emphasized.				
Grade(s) Taught: 11, 12	Prerequisite: CSMTech Tech Tools 2			

INTERNATIONAL BACCALAUREATE PROGRAMME			
Course Title	Length	Grade Offered	Prerequisite
IB English: Literature-HL	4 semesters	11,12	Teacher Recommendation
IB Spanish-SL	4 semesters	11,12	Teacher Recommendation
IB French-SL	4 semesters	11,12	Teacher Recommendation
IB German-SL	4 semesters	11,12	Teacher Recommendation
IB Japanese-SL	4 semesters	11,12	Teacher Recommendation
IB Spanish Ab Initio-SL	4 semesters	11,12	Teacher Recommendation
IB Biology-HL	4 semesters	11,12	Teacher Recommendation
IB Chemistry-HL	4 semesters	11,12	Teacher Recommendation
IB Mathematics: Analysis and Approaches-SL	4 semesters	11,12	Teacher Recommendation
IB Mathematics: Applications and Interpretation-SL	4 semesters	11,12	Teacher Recommendation
IB History-HL	4 semesters	11,12	Teacher Recommendation
IB Psychology-SL	2 semesters	11,12	Teacher Recommendation
IB Music Performance-SL	2 semesters	11,12	Teacher Recommendation
IB Music Theory	2 semesters	11, 12	Enrolled in IB Music Performance & Teacher Recommendation

Career Pathways:

a = arts and communications b = business, management, marketing & technology e = engineering and industrial
h = human services n = natural resources s = health services

- Student who would like to take singular IB courses for certificates without enrolling in the full IB Diploma Program must understand that they are making a commitment to take that class for 2 years
- For further information about the IBO and its programmes, visit <http://www.ibo.org>

IB English: Literature-Higher Level	11th A (B10411) 12th A (B10421)	11th B (B10412) 12th B (B10422)	all pathways	NCAA	2 Credit
This course is designed with the university-bound student in mind, aimed at students who are seeking a solid literary background in literature produced from all over the world with collegiate interpretive ability and collegiate writing skills. Students will be immersed in world literature and culture throughout the course, allowing them to study works from a diverse range of North American and global perspectives. Through the selected works, students will gain an understanding of how literature from various countries is connected, helping them to gain international awareness that will help promote appreciation and respect for cultures other than and in addition to their own. Works will be studied closely, so that students are able to create detailed analyses appropriate for university-level work. This course teaches students to study the influence and impact of individual authors' cultures and styles of writing by reviewing literary elements and devices, introducing literary theory and criticism, and applying this learning to each work they read, helping them understand literature as a cohesive whole rather than a collection of unrelated topics. This course operates on a 5.0 grading scale. The Theory of Knowledge program is integrated into the English HL course with some hours also being taught during the other IB courses. The Theory of Knowledge (TOK) program is central to the educational philosophy of the International Baccalaureate. It challenges students to reflect critically on diverse ways of knowing and areas of knowledge. Also, students consider, through critical questioning, considering the role which knowledge plays in a global society. It encourages students to become aware of themselves as thinkers, to become aware of the complexity of knowledge, and to recognize the need to act responsibly in an increasingly interconnected world. As a thoughtful					

and purposeful inquiry into different ways of knowing, and into different kinds of knowledge, the TOK program is composed almost entirely of questions. The most central of these questions is “How do I, or how do we know that a given assertion is true, or a given judgment is well grounded?” Assertions or judgments of this sort are termed “knowledge claims”, while the difficulties that arise in addressing these questions are the broad areas known as the “problems of knowledge”. The program entails the application of this central question to many different, yet interrelated topics.

The interconnectivity of all the subjects within IB will be apparent and emphasized in the TOK classroom. Students will apply the concepts and philosophies of TOK within the subject area classrooms as well, working with subject area teachers to apply questioning patterns to individual subject areas as “areas of knowledge.”

IB Spanish-Standard Level	11th A (F20441) 12th A (F20451)	11th B (F20442) 12th B (F20452)	all pathways	NCAA	2 Credit
IB Spanish is a two-year course designed for students who have successfully completed three years of Spanish language study. The main focus of the course is on language acquisition in the development of the four language skills: listening, speaking, reading, and writing. These language skills will be developed through the study and use of a range of written and spoken material, from everyday oral exchanges to literary texts, and will be related to the cultures’ concerns. The success of a language will consist of demonstrating competence in productive, interactive and receptive skills. During the course of study, and through the development of all language skills, students will be encouraged to develop confidence in the use of the language, sensitivity to the audience and an ability to communicate their ideas clearly. The 2nd year of this course operates on a 5.0 grading scale.					

IB French-Standard Level	11th A (F20061) 12th A (F20071)	11th B (F20062) 12th B (F20072)	all pathways	NCAA	2 Credit
IB French is a two-year course designed for students who have successfully completed three years of French language study. The main focus of the course is on language acquisition in the development of the four language skills: listening, speaking, reading, and writing. These language skills will be developed through the study and use of a range of written and spoken material, from everyday oral exchanges to literary texts, and will be related to the cultures’ concerns. The success of a language will consist of demonstrating competence in productive, interactive and receptive skills. During the course of study, and through the development of all language skills, students will be encouraged to develop confidence in the use of the language, sensitivity to the audience and an ability to communicate their ideas clearly. The 2nd year of this course operates on a 5.0 grading scale.					

IB German-Standard Level	11th A (F20081) 12th A (F20091)	11th B (F20082) 12th B (F20092)	all pathways	NCAA	2 Credit
IB German is a two-year course designed for students who have successfully completed three years of German language study. The main focus of the course is on language acquisition in the development of the four language skills: listening, speaking, reading, and writing. These language skills will be developed through the study and use of a range of written and spoken material, from everyday oral exchanges to literary texts, and will be related to the cultures’ concerns. The success of a language will consist of demonstrating competence in productive, interactive and receptive skills. During the course of study, and through the development of all language skills, students will be encouraged to develop confidence in the use of the language, sensitivity to the audience and an ability to communicate their ideas clearly. The 2nd year of this course operates on a 5.0 grading scale.					

IB Japanese-Standard Level	11th A (F20221) 12th A (F20231)	11th B (F20222) 12th B (F20232)	all pathways	NCAA	2 Credit
IB Japanese is a two-year course designed for students who have successfully completed three years of Japanese language study. The main focus of the course is on language acquisition in the development of the four language skills: listening, speaking, reading, and writing. These language skills will be developed through the study and use of a range of written and spoken material, from everyday oral exchanges to literary texts, and will be related to the cultures' concerns. The success of a language will consist of demonstrating competence in productive, interactive and receptive skills. During the course of study, and through the development of all language skills, students will be encouraged to develop confidence in the use of the language, sensitivity to the audience and an ability to communicate their ideas clearly. The 2nd year of this course operates on a 5.0 grading scale.					

IB Spanish Ab Initio-Standard Level	11th A (F) 12th A (F)	11th B (F) 12th B (F)	all pathways	NCAA	2 Credit
IB Language Ab Initio is a language acquisition course designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. This course is for students who have less than three years of learning experience in the language being studied. Through receptive, productive and interactive skills, students will learn to respond and interact appropriately in a defined range of everyday situations.					

IB Biology-Higher Level	11th A (D10381) 12th A (D10391)	11th B (D10382) 12th B (D10392)	all pathways	NCAA	2 Credit
IB Biology is a two-year course that focuses on concepts crucial to the understanding of the biological sciences, as well as experimental laboratory work. Students are expected to learn about the diversity that exists in the field of biology as well as to actively engage in the process of scientific inquiry. IB Biology will focus on inquiry based reasoning methods that allow students to become aware of how the scientific community works and communicates. These methods will involve the formation, testing, and modification of hypotheses through observation, experimentation, collection, and analysis of data. At the end of the course, students will be expected to collaborate, utilize informational technology skills, appreciate scientific limitations and possibilities, and understand the significance of the scientific process. Students will have the opportunity to demonstrate their learning through an external assessment at the end of the course and an internal assessment throughout the course. This course operates on a 5.0 grading scale.					

IB Chemistry-Higher Level	11th A (D10531) 12th A (D10541)	11th B (D10532) 12th B (D10542)	all pathways	NCAA	2 Credit
IB Chemistry is a course designed to prepare the student for further study of pure and applied sciences in higher education. Students will develop the ability to analyze scientific literature critically and to develop manipulative and experimental skills necessary to perform college level scientific investigations. The course will help students gain an awareness of the moral, ethical, social, economic and environmental implications of science and technology. Chemistry Higher level will focus on inquiry based methods that allow students to become aware of how the scientific community works and communicates. These methods will involve the formation of, testing, and modification of hypotheses through observation, experimentation, collection and analysis of data. As a result of the method of study in					

this course, students will be expected to collaborate with other students, compile the information learned in the course, and demonstrate an understanding of scientific limitations and endless possibilities. Students will have a firm understanding of the scientific process. Throughout the course, students will be evaluated internally, and will have the opportunity to demonstrate their learning through external assessment.

The laboratory time for the course will develop student skills in design, data analysis, and conclusion and evaluation techniques. Students will become proficient in using laboratory equipment and representing and interpreting data.

Students are required to have completed CHS Honors Chemistry or Chemistry prior to taking this course. This course operates on a 5.0 grading scale.

IB Mathematics: Analysis & Approaches-Standard Level	11th A (E10775) 12th A (E10779)	11th B (E10776) 12th B (E10780)	all pathways	NCAA	2 Credit
This course is designed for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will explore real and abstract applications, sometimes with technology, and will enjoy the thrill of mathematical problem solving and generalization. This course focuses on analytic methods with an emphasis on calculus. This subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences or some economics courses. The second year of this course operates on a 5.0 scale.					

IB Mathematics: Application & Interpretation-Standard Level	11th A (E10773) 12th A (E10777)	11th B (E10774) 12th B (E10778)	all pathways	NCAA	2 Credit
This course will be offered for students who are interested in developing their mathematics for describing our world, modeling and solving practical problems using the power of technology. Students who take this course will be those who enjoy mathematics best when seen in a practical context. This course has an emphasis on statistics, modeling and the use of technology. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, some economics courses, psychology and design.					

IB History-Higher Level	11th A (C10171) 12th A (C10181)	11th B (C10172) 12th B (C10182)	all pathways	NCAA	2 Credit
This class will focus on the historical knowledge of the past 350 years of human history. The process of recording history, reconstructing and interpreting the past through sources will be studied. In addition, students will gain an understanding of historical events in a global context. Students will investigate the continuity and change of various time periods, cultures, political systems, and national traditions. Historical study gives students exposure to primary sources and the work of historians. Historical study involves both selection and interpretation of data and critical evaluation of it. This study of history both requires and develops the student's understanding of people living in other periods and context as well as human empathy. IB World History is taught over two years. Primary topics include: Origins and development of authoritarian and single-party states, causes and effects of 20th century wars including: WWI, WWII, and Vietnam, Royal absolutism and the enlightenment, Imperial Russia, revolution and the establishment of the Soviet Union, European states in the inter-war years. Case study: The move to global war in Germany and Japan. This class includes both internal and external assessments. This course operates on a 5.0 grading scale.					

IB Psychology-Standard Level	A (C10191)	B (C10192)	all pathways	NCAA	1 Credit
This course can be used as either an International Baccalaureate Group 3 selection or as an IB elective. Students can take the course in either the junior or senior year. IB Psychology is the study of human behavior. Students learn to design and execute experiments as well as to interpret their findings. Content of the course includes a study of psychologists and their theories as well as the most recent research findings across the various fields of the discipline. Students will study biological, cognitive, and sociocultural levels of analysis. In addition, students will study abnormal psychology and construct a simple experimental research study for their internal assessment. A primary emphasis in this course is on utilizing appropriate research to support points made in essays and class discussions. Students will sit for the three-hour, standard level IB examination in May. This course operates on a 5.0 grading scale.					

IB Music Performance-Standard Level	A (J20601)	B (J20602)	all pathways		1 Credit
This standard level course is divided into two sections: music performance, and music theory/history/world music. The music performance section will involve the enrollment in the high school band, orchestra, choir, or suitable performing ensemble as approved by the instructor. The music theory/history/world music section will help the students gain an understanding and appreciation for music of all genres. Special emphasis will be placed upon student understanding of music theory, the use of musical terminology, the evolution and history of “Western Music” and the study of music from around the globe. At the end of the first year, students will complete and record one or more public performances, will complete a listening paper, and will prepare a written media script investigating the relationships between two musical genres. Students who enroll in this course must also enroll in IB Music Theory (which operates on a 5.0 grading scale).					

IB Music Theory-Standard Level	A (J20611)	B (J20612)	all pathways		1 Credit
This course seeks to develop students’ knowledge and potential as musicians, both personally and collaboratively. IB Diploma Programme music students are required to study musical perception and actively listen to a wide range of music from different parts of the world, musical cultures and time periods. They also develop aural perception and understanding of music by learning about musical elements, including form and structure, notations, musical terminology and context. Through the course of study, students become aware of how musicians work and communicate. In addition, the course enables students to: • enjoy lifelong engagement with the arts • become informed, reflective and critical practitioners in the arts • understand the dynamic and changing nature of the arts • explore and value the diversity of the arts across time, place and cultures • express ideas with confidence and competence • develop perceptual and analytical skills • develop their knowledge and potential as musicians, both personally and collaboratively. This course runs during zero hour and must be taken concurrently with IB Music Performance. This course is offered on an every other year basis and WILL be offered for 2023-2024 School year.					

BUSINESS, MANAGEMENT, FINANCE & MARKETING			
Course Title	Length	Grade Offered	Prerequisite
Accounting	2 semesters	9, 10,11,12	None
Advanced Accounting	2 semesters	10,11,12	Accounting
Finance 3	1 semester	11,12	Completed Building Wealth, Accounting, Adv. Accounting, & Teacher Rec
Building Wealth	1 semester	10,11,12	None
Business Management	1 semester	9, 10,11,12	None
Business Entrepreneurship	1 semester	10,11,12	Business Management is strongly encouraged, but not required.
Business Law	1 semester	11,12	None
Business 3	1 semester	11,12	Business Management, Business Entrepreneurship, & Teacher Rec.
Marketing & Advertising	1 semester	9, 10,11,12	None
Marketing II & School Store Workshop	2 semesters*	10,11,12	Marketing & Advertising & Teacher Rec. *Can be taken more than once, or for one semester with teacher approval *Class can be taken concurrently enrolled in Marketing & Advertising
Marketing 3	1 semester	11,12	Marketing & Advertising, Marketing II & School Store Workshop (1 year), & Teacher Rec.
Work Based Learning	1 or 2 semesters	11, 12	Application

Career Pathways:

a = arts and communications
h = human services

b = business, management, marketing & technology
n = natural resources

e = engineering and industrial
s = health services

Accounting	A (G20171)	B (G20172)	b		1 Credit
The first half of this course introduces students to basic bookkeeping principles needed for owning or setting up his/her own business. It shows the procedures and forms used in everyday business transactions for service and merchandising businesses. Students will use data to determine business profit/loss and other financial information. Business forms and procedures are also covered, such as payroll, sales tax, and tax forms. The second half of this course works on the sole proprietorship and corporate aspects of accounting. Business forms and financial statements will be compiled and looked at in greater depth. Payroll, uncollectible accounts, taxes, inventory methods and depreciation of assets will be discussed as well. This class is computer based for most assignments. Approved as math elective credit.					
Grade(s) Taught: 9, 10, 11, 12	Prerequisites: None				

Advanced Accounting	A (G20191)	B (G20192)	b		1 Credit
The first half of this course is designed to provide students with the opportunity to apply concepts learned in accounting in a more in-depth fashion. Review of payroll, bad debts, depreciation and accrued revenues and expenses					

are covered. Students integrate computer software to complete departmental accounting and project simulations. The second half of this course works with corporate and managerial accounting principles. It looks at how cash is used in businesses for merchandise and financial reporting. This course also looks at auditing and tax information and forms for the IRS, creating financial statements with stocks and dividends, and how the end of the year accounting works. Automated versions of simulated accounting software (Quickbooks) will be done on the computer throughout this course. This class is computer based for most assignments. **Approved as math elective credit.**

Grade(s) Taught: 10, 11, 12	Prerequisites: Accounting
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Finance 3	(G10504)	b		.5 Credit
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Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.

Grade(s) Taught: 11, 12	Prerequisite: Building Wealth, Accounting, Advanced Accounting & Teacher Recommendation. Advanced Accounting may be taken concurrently.
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Building Wealth	(G20300)	b		.5 Credit
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Empowering students to make sound financial decisions for life. Building Wealth focuses on the basics of how to make informed personal financial decisions. The class follows text created specifically for high school students. Along with entertaining video lessons, teaching, and activities, the concepts taught in this class will show students how to take control of their money, build wealth and to help avoid huge money mistakes down the road. Real world topics covered are: saving, investing, budgeting, credit & debt, wealth building, college expenses, consumer awareness, careers & employee benefits, insurance, income and payroll taxes and housing/renting/leasing. Every day, every lesson will matter. These will be lessons that will make a difference in the choices you make with your money every day of your life. **Approved as a math elective credit.**

Grade(s) Taught: 10, 11, 12	Prerequisite: None
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Business Management	(G10014)	all pathways		.5 Credit
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Business Management is designed to give the student an understanding of how businesses operate and how to start and manage a business successfully. Students will study a variety of topics related to different elements of business management, including business ethics, the many forms of business organization, human resources, marketing, and financial management. Students will have the opportunity to take a field trip and experience guest speakers in addition to mastering software skills in word processing, presentation software and other digital tools. College credit may be given at participating colleges. Students will be provided the opportunity to receive a Critical Career Skills (CCS) Certification (previously known as the Communication Skills for Business (CSB) Certification. **Approved as math elective credit.**

Grade(s) Taught: 9, 10, 11, 12	Prerequisite: None
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Business Entrepreneurship	(G10015)	all pathways		.5 Credit
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Students will participate in the development of a new business plan. Students will be required to investigate and make choices about themselves, their chosen business, while they create a formal business plan to participate in Market Day, a schoolwide entrepreneur event. Additional areas of study will include business communications, economics and financial risks, time management, social media and marketing, problem-solving, and teamwork. Students will take a

field trip and experience guest speakers in addition to mastering software skills in spreadsheets, databases, and other digital tools. College credit may be given at participating colleges. Students will be provided the opportunity to achieve the Entrepreneurship Small Business (ESB) certification. Approved as math elective credit.	
Grade(s) Taught: 10, 11, 12	Prerequisite: Business Management is strongly encouraged, but not required

Business Law	(G20430)	b, h		.5 Credit
This course familiarizes students with the basics of business and personal law. The interdependence of business and law will be discussed, showing the legal requirements in everyday business transactions. The class shows the impact law has on students' lives and the process for seeking help should legal assistance be necessary. Legal documents, tax laws, consumer rights, employee/employer responsibilities, and contracts are discussed in depth.				
Grade(s) Taught: 11, 12	Prerequisite: None			

Business 3	(G10401)	b		.5 Credit
Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.				
Grade(s) Taught: 11, 12	Prerequisite: Business Management, Business Entrepreneurship, & Teacher Recommendation			

Marketing & Advertising	(G20315)	all pathways		.5 Credit
In Marketing & Advertising class students will find out what it takes to market a product or service in today's fast-paced business environment. Learn the fundamentals of the marketing mix using real-world business examples, lessons and activities. Students will create an advertising campaign, including designing engaging print ads, radio and tv commercials, social media, event planning and more. They will experience hands-on projects working both independently and in small groups using technology to simulate a creative business work environment. Students have the opportunity to combine classroom learning with an introduction to "on-the-job" training through the state-of-the-art student run CHS School Store. Guest speakers, field trip opportunities and a social media marketing campaign simulator round out the career based experience. This class helps to prepare students for both college and careers in business but has a wide application to many fields and interests. College credit may be given at participating colleges. Approved as a math elective credit.				
Grade(s) Taught: 9, 10, 11, 12	Prerequisite: None			

Marketing II & School Store Workshop	A (G20317)	B (G20318)	all pathways		1.0Credit
This course is the second class in the Marketing program. Students will continue to expand their knowledge on the foundations learned in Marketing & Advertising class, diving deeper into marketing with real-world activities working both independently and in small groups. Greater emphasis is placed on project-oriented assignments, school store involvement and simulations/certifications. Students will combine classroom time with hands-on experience operating and marketing the student run CHS School Store. Participating in the day-to-day store operations, making recommendations and participating in the sales process. To promote the store and merchandise, students will design and build eye catching window displays, create appealing ads, social media and engaging contests. They will also help with special store events. Students may experience a					

field trip opportunity, guest speaker and/or community based marketing tasks to round out the experience. Greater opportunities to build a portfolio of work, earn industry recognized certification such as Google Digital Marketing or others is an advantage of taking the course. College credit may be given at participating colleges. This class is a full year but may be taken concurrently with Marketing & Advertising, as a semester, or more than once for credit with approval. Approved as math elective credit.	
Grade(s) Taught: 10, 11, 12	Prerequisites: Marketing & Advertising (can be taken concurrently with approval) and Teacher Recommendation

Marketing II & School Store Workshop SM	(G20319)	all pathways		.5 Credit
This course is the second class in the Marketing program. This course is a modified version of the year long Marketing II & School Store Workshop class which can be taken as a 1 semester class, or an additional 3rd semester class. Due to the shortened term it is not possible for students to be exposed to the full range of experiences as the full year course. The one semester class will offer students the opportunity to expand their knowledge on the foundations learned in Marketing & Advertising class. Students will combine classroom time with hands-on experience operating and marketing the student run CHS School Store. Experiences may include real-world activities, working independently and in small groups, project oriented assignments, and simulations/certification. In addition a field trip, guest speakers and/or community based marketing tasks may be offered depending on time and availability. College credit may be given at participating colleges. This class may be taken more than once for credit with instructor and counselor approval. Approved as math elective credit				
Grade(s) Taught: 10, 11, 12	Prerequisites: Marketing & Advertising. Teacher & Counselor approval and recommendation			

Marketing 3	(G10505)	b		.5 Credit
Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.				
Grade(s) Taught: 11, 12	Prerequisite: Marketing & Advertising, Marketing II/Store Workshop (1 year), & Teacher Recommendation			

Work-Based Learning	A (G20491)	B (G20492)	all pathways	.5 Credit - 2.0 Credits
WBL is a course in which students advance their understanding of a specific career through work experience with local employers augmented and enhanced by intermittent and individualized career planning projects. Student's that do not have a work experience that last the entire semester will attend class during their assigned hour(s) and complete a career planning project that will enhance and augment their working experience. All students will be in school part of the day and acquire work experience through early dismissal. All students that have lapses in working opportunities will revert to classroom attendance and progress their learning through research and the completion of the career planning project. Students usually work or volunteer 10-24 hours per week or up to the maximum permitted by the Child Labor Laws. To be eligible for one-hour WBL, the student must have earned a minimum number of credits, enabling the student to graduate if they do not earn credit for WBL. Students must have taken a course related to their career and their job placement must match their career study in their EDP. Applications must be submitted to the Coordinator.				
Grade(s) Taught: 11, 12	Prerequisites: Application			

COMPUTER INFORMATION SYSTEMS & PROBLEM SOLVING			
Course Title	Length	Grade Offered	Prerequisite
A.P. Computer Science Principles (An Introduction to Programming)	2 semesters	9, 10, 11, 12	Algebra 1 or Teacher Rec.
A.P. Computer Science	2 semesters	10, 11, 12	AP Computer Science Principles
Computer Programming 3	1 semester	11, 12	AP Computer Science Principles, AP Computer Science, & Teacher Rec.
Computer Networking 1 (PC Tech)	1 semester	9, 10, 11, 12	None
Computer Networking 2 (Net Tech)	1 semester	10, 11, 12	Computer Networking 1
Computer Networking 3	1 semester	11, 12	Computer Networking 1, Computer Networking 2, & Teacher Rec.
Web Design 1	1 semester	9, 10, 11, 12	None
Web Design 2	1 semester	10, 11, 12	Web Design 1
Web Design 3	1 semester	11, 12	Web Design 1, Web Design 2, & Teacher Rec.

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

A.P. Computer Science Principles (An Introduction to Programming)	A (G10314)	B (G10315)	a, b	NCAA	1 Credit
AP Computer Science Principles introduces all students to the foundational concepts of computer science and programming. Students will be exposed to and practice all fundamental programming and problem- solving concepts. The course challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving through the development of real-world applications, AP Computer Science Principles prepares students for college and career. This course is designed for all students and all future majors, not just computer scientists! To be eligible to take the AP exam, students must take both semesters. This course operates on a 5.0 grading scale. Approved as math elective or science elective credit.					
Grade(s) Taught: 9, 10, 11, 12	Prerequisites: Algebra I or Teacher Recommendation				

A.P. Computer Science	A (G10341)	B (G10342)	a, b	NCAA	1 Credit
Students are exposed to the AP Computer Science programming language with an emphasis on problem solving methods. The programming skills that students will be exposed to will reflect those programming skills required for the AP Computer Science Exam. This course operates on a 5.0 grading scale. Approved as math elective or science elective credit.					
Grade(s) Taught: 10, 11, 12	Prerequisites: AP Computer Science Principles & Teacher Recommendation				

Computer Programming 3	(G10500)	a, b		.5 Credit
Students who have completed the career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.				
Grade(s) Taught: 11, 12	Prerequisite: AP Computer Science Principles, AP Computer Science, & Teacher Recommendation			

Computer Networking 1 (PC Tech)	(G10361)	a, b		.5 Credit
Students are exposed to the components of the computer system and how they work together. The concepts and hands-on practical skills learned reflect those skills required to take the industry standard A+ certification test.				
Grade(s) Taught: 9, 10, 11, 12	Prerequisite: None			

Computer Networking 2 (Net Tech)	(G10362)	a, b		.5 Credit
Students are exposed to the concepts of networking and computer communications. The concepts and hands-on practical skills learned reflect those skills required to take the industry standard Network+ certification test.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Computer Networking 1			

Computer Networking 3	(G10502)	a, b		.5 Credit
Students who have completed the career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience. This course can be taken more than once for additional certifications in Security, Linux or other advanced networking certifications.				
Grade(s) Taught: 11, 12	Prerequisite: Computer Networking 1, Computer Networking 2, & Teacher Recommendation			

Web Design 1	(G10301)	a, b		.5 Credit
Students will learn the basics of HTML and CSS, Students will learn and demonstrate understanding of industry standards in Website design as it relates to the ethical use and sharing of information with an emphasis in career and employability measures.				
Grade(s) Taught: 9, 10, 11, 12	Prerequisite: None			

Web Design 2	(G10302)	a, b		.5 Credit
Students will expand on the use of HTML and web design software to include the use of databases and other advanced programming measures. Students will gain these skills through the development of a working interactive website while focusing on employability skills, leadership, teamwork, and project development skills.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Web Design 1			

Web Design 3	(G10303)	a, b		.5 Credit
Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.				
Grade(s) Taught: 11, 12	Prerequisite: Web Design 1, Web Design 2 & Teacher Recommendation			

ARCHITECTURE, ENGINEERING AND DESIGN TECHNOLOGY			
Course Title	Length	Grade Offered	Prerequisite
Interior Design	1 semester	10,11,12	None
Architecture 1	1 semester	9, 10,11,12	None
Architecture 2	1 semester	10,11,12	Architecture 1
Civil Engineering & Architecture	2 semesters	11,12	C or better in Architecture 1 & 2, Alg 1 and Geometry
Architecture 3	1 semester	11,12	Interior Design, Architecture 1, Architecture 2, Civil Eng. & Arch, & Teacher Rec.
Construction Tech 1	2 semesters	9, 10,11,12	Google Form Application
Construction Tech 2	2 semester	10,11,12	Construction Tech 1
Construction Tech 3	2 semesters	11, 12	Construction Tech 1 & 2
Construction Tech 4	2 semesters	12	Construction Tech 1,2,3
Construction Math	2 semesters	12	Enrollment in Construction Tech
Mechanical Engineering 1	1 semester	9, 10,11,12	None
Mechanical Engineering 2	1 semester	10,11,12	Mechanical Engineering 1
Engineering Graphics	2 semesters	11,12	Mechanical Engineering 1 & 2
Mechanical Engineering 3	1 semester	11, 12	Mech. Engineer. 1, Mech. Engineer. 2, Engineer. Graphics, & Teacher Rec.

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Interior Design	(K20850)	a, b		.5 Credit
This course is designed to provide students with skills necessary to create a personal house. Class activities will develop your "designer's eye," combining the elements and principles of design to create a harmonious interior. Projects are integrated throughout the course to provide applications in architecture, furniture styles, floor planning and interiors. College credit may be available through various colleges.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Architecture 1	(I20600)	e, n, a		.5 Credit
An introductory course in drafting, design, and CAD with an emphasis on architecture. Students learn to create blueprints of structures. This course is a prerequisite to Architecture 2 and Civil Engineering & Architecture. Approved as math elective credit.				
Grade(s) Taught: 9, 10, 11, 12	Prerequisite: None			

Architecture 2	(I20651)	e, n, a		.5 Credit
Advanced course in computer-aided drafting & design emphasizing on architecture using 2-D CAD software. The drawings completed in this course apply basic dimensioning and drawing techniques while learning architectural CAD. Application of 2-D geometry skills are utilized throughout the course. College credit may be available from local community colleges upon completion of both Architecture 1 and Architecture 2.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Architecture 1			

Civil Engineering and Architecture	A (I20631)	B (I20632)	e, n, a		1 Credit
The CEA course is a long-term project that involves the development of a property site for residential and commercial design. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of this property. The course provides freedom to the teacher and students to develop the property as a simulation or to model the real-world experiences that civil engineers and architects experience when developing property. Students learn about documenting their project, solving problems, and communicating their solutions to their peers and members of the professional community. Approved as math elective credit. College credit may be available through various colleges and universities.					
Grade(s) Taught: 11, 12	Prerequisites: C or better in Architecture 1, Architecture 2, Algebra 1 and Geometry or Teacher Approval.				

Architecture 3	(I20605)	e, n, a		.5 Credit
Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.				
Grade(s) Taught: 11, 12	Prerequisite: Architecture I, Architecture II, Interior Design, Civil Engineering and Architecture & Teacher Recommendation			

Construction Tech 1	A (I20001)	B (I20002)	b, e, n, a		1 Credit
This course is an introduction to construction and related industries. Areas of study include safety, architectural drawings, scale model building, green construction techniques, manufacturing and the use of equipment used in industry. Construction Tech is scheduled in a two class period block incorporating the student's grade appropriate english course offered in an online format. This class will be offered at CJHS with transportation provided by the district. NOTE: Students are subject to removal from the construction program at the end of the school year for failure of the math component.					
Grade(s) Taught: 9, 10, 11, 12	Google Form Application				

Construction Tech 2	A (I20003)	B (I20004)	b, e, n, a		1 Credit
This course is an immersive learning experience in construction and related industries. Students will use and improve the skills they learned in Construction Technology 1. Areas of study include business and technology skills used in industry, site preparation, infrastructure, residential construction, civil construction and heavy machinery. In addition to focused practice, students will potentially be building projects for the community. Students will have an opportunity to be involved in work based learning. Within their studies in Construction Tech 2, students will be utilizing a cross-curricular approach to exploring skilled trades with an emphasis in real-world mathematics and business/technical writing. This class will be offered at CJHS with transportation provided by the district.					
Grade(s) Taught: 10, 11, 12		Prerequisites: Construction Tech 1			

Construction Tech 3	A (I20005)	B (I20006)	b, e, n, a		1 Credit
Students who have completed the career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.					
Grade(s) Taught: 11, 12		Prerequisites: Construction Tech 1, Construction Tech 2 & Instructor approval			

Construction Tech 4	A (I20008)	B (I20009)	b, e, n, a		1 Credit
This capstone course is focused on project based skills enhancement. Students will have achieved the skills needed for these projects learned in Construction Tech One, Construction Tech Two, and Construction Tech Three. The specific skills enhanced will be project dependent.					
Grade(s) Taught: 12		Prerequisites: Construction Tech 1, 2, 3 & Instructor approval			

Construction Math	A (E10110)	B (E10111)	b, e, n, a		1 Credit
This course is a 4th year math course for seniors concurrently enrolled in the Construction Tech program. Curricular goals include a survey of the areas of math related to construction (general math, fractions, decimals, measurement and measurement tools, layout, area measure, volume measure) and preparation for certification test(s) for college work related to construction and careers in construction. Approved as math elective credit.					
Grade(s) Taught: 12		Prerequisites: Enrollment in Construction Tech			

Mechanical Engineering 1	(I20620)	e, a		.5 Credit
An introductory course in drafting, design, and CAD emphasizing on mechanical engineering. This class combines the understanding of basic math and science principles with practical applications. Students learn the design process using drafting techniques. This course is designed for students who may want to pursue a career in the engineering field. This is a prerequisite to Mechanical Engineering 2 and Engineering Graphics.				
Grade(s) Taught: 9, 10, 11, 12		Prerequisite: None		

Mechanical Engineering 2	(I20652)	e, a		.5 Credit
Advanced course in mechanical engineering that builds 2-D CAD skills while introducing advanced drafting skills. Orthographic projection, section and auxiliary views and fastening methods are introduced. 3D CAD model building is introduced. Students also explore the world of 3D fabrication seeing their designs come to life. College credit may be available from local community colleges upon completion of both Mechanical Engineering 1 and Mechanical Engineering 2.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Mechanical Engineering 1			

Engineering Graphics	A (I20641)	B (I20642)	e, a		1 Credit
This is an advanced Computer Aided Design class using 3D modeling software. Students will learn how to create objects in 3-D and assemble parts together to create working drawings. Emphasis will be placed on producing engineering drawings that are fully machinable. Students continue to develop their 3-D fabrication skills seeing their designs come to life. Approved as math elective credit. College credit may be available from local community colleges.					
Grade(s) Taught: 11, 12	Prerequisites: Mechanical Engineering 1 and Mechanical Engineering 2				

Mechanical Engineering 3	(I20653)	e, a		.5 Credit
Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.				
Grade(s) Taught: 11, 12	Prerequisite: Mechanical Engineering 1, Mechanical Engineering 2, Engineering Graphics & Teacher Recommendation			

EDUCATION			
Course Title	Length	Grade Offered	Prerequisite
Child Development	1 semester	10,11,12	None
Education Practicum 1	1 semester	10,11,12	None
Education Practicum 2	1 semester	10, 11,12	Education Practicum 1 Grade of C or better, Teacher Recommendation
Education Practicum 3	1 semester	11,12	Child Development, Education Practicum 1 and 2, both C or better, Teacher Recommendation
Work Based Learning	1-2 semesters	11, 12	Completion of Education Practicum 1 and 2, Child Development, Application and Interview

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Child Development	(K20901)	h		.5 Credit
In this CTE course, students will explore the physical, intellectual, emotional, and social growth and development of young children as it relates to Education. Students will discover how prenatal care and early childhood events and experiences can influence the growth and development of children and their capacity to learn in an educational setting. Students will learn the sequence of early physical growth, the continuum of brain development, the acquisition of language and the maturation of thought and emotions that occur in a child from birth to the beginning of adulthood. During this course, students will learn that a child progresses from dependency on their parents/guardians to increasing independence and autonomy. Students will recognize the importance of observation, commitment, and early detection and intervention on developing children as they strive to meet their developmental milestones. One college credit possible upon completion.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Education Practicum 1	(K20902)	h		.5 Credit
This Education Practicum 1 Class is a fast paced, interactive introduction to the early elementary classroom. In this class, students will be working in one of our district's elementary schools, in one of our Preschool classrooms at the Early Childhood Center or Clarkston High School or in a classroom in a local daycare facility 2-3 days per week. Students will be assigned to a classroom based on age level interests, content interests, as well as the ability to leave the Clarkston High School campus with their own transportation. Students must be able to work independently, with a group or team and very much enjoy children. Topics of study include, but are not limited to, developmental milestones for young learners, conducting organic, authentic observations of students and classrooms, daily, personal reflections, conflict resolution, exploration of art, math and literacy in an early childhood/educational setting, the importance of play and how to teach/learn in well thought out play scenarios. Students will also begin creating an educational portfolio. One college credit possible upon completion.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Education Practicum 2	(K20903)		h		.5 Credit
This Education Practicum B-2 Class is the second class in the Education Practicum offerings. Students taking this course are typically considering a career in Education. This class is also a fast paced, interactive experience in the early childhood or elementary classroom. In this class, students will be working in one of our district's elementary schools, in one of our Preschool classrooms at the Early Childhood Center or Clarkston High School or in a classroom in a local daycare facility 2 - 3 days per week. Students will be assigned to a classroom based on age level interests, content interests as well as the ability to leave the Clarkston High School campus with their own transportation. Students must be able to work independently, with a group or team and enjoy children. Topics of study will build upon the ideas, concepts and practices from the Education Practicum 1 Class and will additionally include, but are not limited to, creating a classroom floor plan, exploration of teaching as a career, designing and implementing lesson plans, discipline and classroom management, nutrition for the developing child, meeting the needs of students with special needs and creating a family resource guide. Students enrolled in this class are expected to continue completing an Educational Portfolio consistent with state requirements for obtaining either a CDA or MiYDA Credential. One college credit possible upon completion.					
Grade(s) Taught: 10, 11, 12	Prerequisite: Education Practicum 1 grade of C or better. Teacher Recommendation				

Education Practicum 3	(K20904)	h		.5 - 1.0 Credit
Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience.				
Grade(s) Taught: 11, 12	Prerequisite: Child Development, Education Practicum 1, Education Practicum 2 & Teacher Recommendation			

FAMILY CONSUMER SCIENCES

Course Title	Length	Grade Offered	Prerequisite
Nutrition and Wellness	1 semester	10,11,12	None
Family Studies	1 semester	10,11,12	None
Human Relations	1 semester	10,11,12	None

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Nutrition & Wellness	(K20830)	h, s		.5 Credit
Do you have a passion for health and wellness? In Nutrition and Wellness we will explore the latest in “Functional Nutrition”. We will look at ways to improve health and wellbeing through food choices. Topics to be studied include: food Influences, food safety, digestive health, learning to read a food label, nutritional needs across the lifespan, relationships between diet and disease, eating for sports performance and overall wellness, investigate healing foods vs. inflammatory foods, and examine nutrition related careers. Students will also be able to prepare and sample basic healthful recipes in our lab kitchens. This is an active, fun and interesting course!				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Family Studies	(K20831)	h		.5 Credit
This course is designed to prepare students for different needs in each stage of the life cycle. We go in depth to discuss each stage and the rewards and challenges. Life Cycle Stage topics are singlehood, coupling, marriage, parenting, middle age and aging. We also will learn about recognizing and coping with stress and family crises that may come up in the different stages. This course is geared to help students understand themselves and how to improve family relationships. There is much class discussion, group work and projects.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Human Relations	(K20832)	h		.5 Credit
This course is designed to prepare students for successful relationships. Topics to be discussed throughout the course include, Building blocks of relationships (self esteem, self awareness, and identity), Attraction, Attachment Theories, Stages of a Relationship/Love vs. Infatuation, Friendship, Mature Love/Marriage, STIs (Sexually Transmitted Infections), Contraceptives, Dating Violence Awareness, and Sexual Assault Prevention. The course is geared to help students understand themselves and how to improve “relationships of choice”. There is much class discussion, group work and projects.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

MEDIA			
Course Title	Length	Grade Offered	Prerequisite
Media Production	1 semester	9, 10,11,12	None
P.M. Television Production	1 semester	10,11,12	Media Production & Teacher Rec
Advanced Media Study	1 semester	10,11,12	P.M. Television Production & Teacher Rec

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Media Production	(I20310)	a, b		.5 Credit
This course focuses on the technology and skills used to record and edit digital video and audio. Students will have an opportunity to create short films, documentaries, and commercials. This class utilizes student creativity and teaches terminology and industry topics related to the field of radio/tv/film/ media. This course can be taken more than one time for credit.				
Grade(s) Taught: 9, 10, 11, 12	Prerequisite: None			

P.M. Television Production	(I20300)	a, b		.5 Credit
This course focuses on the technology and skills used in the production of live and pre-taped television broadcasts. Students will plan for and produce live school events and/or create videos and research. This is a hands-on experience that builds teamwork and communications skills. This course is designed to be an evening class. Students taking this class must be able to accommodate an evening schedule. Class will generally meet at least one evening per week. Students will be released from school 1 hour early in lieu of having an evening class if they attend evening productions. This class also expands on topics from Media Production. This course can be taken more than one time for credit				
Grade(s) Taught: 10, 11, 12	Prerequisite: Media Production or teacher recommendation			

Advanced Media Study	(I20311)	a, b		.5 Credit
Students who have completed this career pathway of study may request this course to take a deeper hands on learning experience within the pathway curriculum. This course may require work based learning experiences as a part or all of the learning experience. This course can be taken more than one time for credit. Click on the link for more information:				
Grade(s) Taught: 10, 11, 12	Prerequisite: P.M. TV Production or teacher recommendation			

PERFORMING ARTS			
Course Title	Length	Grade Offered	Prerequisite
Wind Ensemble	2 semesters	10,11,12	Teacher Recommendation
Symphonic Band	2 semesters	10,11,12	Teacher Recommendation
Symphonic Wind Ensemble	2 semesters	10,11,12	Audition/Teacher Recommendation
Symphony Orchestra	2 semesters	10,11,12	Teacher Recommendation
Chamber Orchestra	2 semesters	10,11,12	Teacher Recommendation
Jazz Band (Zero Hour)	2 semesters	10,11,12	Co-requisite: Band or Orchestra & Teacher Rec
Concert Choir	2 semesters	10,11,12	None
Madrigals	2 semesters	10,11,12	Audition
Theater Arts I	1 semester	10,11,12	None
Theater Arts II	1 semester	10,11, 12	Theater Arts I
Technical Theater	1 semester	10, 11, 12	Theater Arts I or Teacher Recommendation
Marching Band: PE Elect Credit	2 seasons	9,10,11,12	Teacher Recommendation
Winter Guard: PE Elect Credit	2 seasons	9,10,11,12	Teacher Recommendation

Career Pathways:

a = arts and communications
b = business and management

h = human services and public administration
n = natural resources

s = health services
e = engineering and industrial

Wind Ensemble	A (J20321)	B (J20322)	all pathways		1 Credit
This intermediate level concert band orients instruction toward increased awareness of musical skill and technical development. Emphasis is placed upon moderately difficult literature, interpretive ability, and music reading. Yearly required performances include four concerts, and District and State Festivals. During the first nine weeks in the fall semester, members of this band may be included in the Marching Band which performs at all home varsity football games.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Symphonic Band	A (J20351)	B (J20352)	all pathways		1 Credit
This advanced level ensemble is open to students in grades 11 and 12 as well as 10th grade students who qualify by audition and/or invitation of the instructor. As an advanced level concert band, technique, listening, interpretive, and reading skills are heavily emphasized. The required yearly performances are the same as for Wind Ensemble, including assembly programs and community service events. During the fall semester, Symphonic Band members may be included in the Marching Band which performs for all home varsity football games and selected contests.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Symphonic Wind Ensemble	A (J20371)	B (J20372)	all pathways		1 Credit
This select advanced level ensemble is open to qualified students grades 10 through 12 by audition and/or instructor invitation. As the most advanced level concert ensemble, mastery of technique, interpretation, listening, and reading skills are heavily reinforced and emphasized. Yearly required performances are the same as the other concert band classes. Students in this band also may be included in the Marching Band during the fall term.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Audition/Teacher Recommendation				

Symphonic Orchestra	A (J20381)	B (J20382)	all pathways		1 Credit
The orchestra is comprised of students with experience playing orchestral stringed instruments (violin, viola, cello, or double bass). This intermediate to advanced level orchestra orients instruction toward increased level of musical skill and technical development. Emphasis is placed upon moderately difficult to difficult repertoire, interpretive ability, technique, musicality and music reading. There are at least four required yearly concerts, District and possibly State Festivals. Students are encouraged to play in chamber music groups, solo and ensemble festivals, and other performing opportunities in the community.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Chamber Orchestra	A (J20401)	B (J20402)	all pathways		1 Credit
The orchestra is comprised of students with a high level of experience playing orchestral stringed instruments (violin, viola, cello, or double bass). This select advanced level Orchestra is open to qualified students grades 10 through 12 by instructor invitation. As the most advanced level orchestra, a mastery of technique, interpretation, listening, musicality and reading skills are expected, as well as heavily reinforced and emphasized in class. Yearly required performances are the same as the other orchestra classes, and solo and ensemble participation is strongly encouraged/expected.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Jazz Band	A (J20391)	B (J20392)	all pathways		1 Credit
A select group of students will form this group by invitation and audition. Music includes all styles of jazz with the emphasis on improvisation. Students must be willing to perform frequently beyond classroom participation, including concerts, assemblies, and festivals. Concurrent enrollment in a concert band, orchestra or vocal ensemble is required for this ensemble. This course is only offered Zero hour.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation Co-requisite Concert Band or Orchestra				

Concert Choir (formerly Choralaires)	A (J20411)	B (J20412)	all pathways		1 Credit
This is a choir for all students in grades 10-12. The class is designed for those who enjoy singing and have a desire to investigate music. A wide variety of music will be presented in preparation for advancement to higher level choirs. Basics of music are taught (note reading, ear training, music symbols, terminology, rhythms and note values) as well as some music history and related music activities. The choir is required to sing in approximately 1 major concert per semester (or as dictated in the choir master schedule). One performance will be at MSVMA Festival in the spring. The dates are set by the instructor.					
Grade(s) Taught: 10, 11, 12	Prerequisites: None				

Madrigals	A (J20501)	B (J20502)	all pathways		1 Credit
This is a select, auditioned mixed vocal ensemble who have demonstrated knowledge through prior experience either at the high school or middle school levels. A wide variety of music repertoires will be studied and related opportunities given to enhance music knowledge and excel in choral music performance. There are required concerts throughout the year (dates set by the instructor) and one given MSVMA Festival in the spring.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Audition in spring of previous school year.				

Theater Arts I	(J20801)	all pathways		.5 Credit
This course will cover both dramatics and play production. Much group activity is utilized. Students will be tasked with multiple projects dealing with acting and other aspects of live performance.				
Grade(s) Taught: 10, 11, 12	Prerequisites: none			

Theater Arts II	(J20802)	all pathways		.5 Credit
This course is designed for the serious minded theater student. More advanced acting techniques and character analysis will be covered. Students will have some projects based on their area of interest and one directing project. Students may also make a prompt book with research and design elements.				
Grade(s) Taught: 10, 11, 12	Prerequisites: Theater Arts I			

Technical Theater	(J20821)	all pathways		.5 Credit
Technical Theatre is an advanced theater class where students will have an opportunity to work within and facilitate/operate all aspects of technical theater. Students will work in a variety of technical areas (e.g. lighting, scenic design, construction, painting, costuming, PR, among other things etc.), and students specializing in certain areas will educate other students in the class on the fine points of their concentration. Students will learn aspects of the theater through peer-tutorial. Students will be responsible for running/producing/maintaining the CHS Performing Arts Center and the CHS Drama Club theatrical season. Through this practical format, students will have the opportunity to student design each show. Students who complete this course will have a working portfolio that can be used to gain access to working in the professional theater realm or to utilize in college admissions.				
Grade(s) Taught: 10, 11, 12	Prerequisites: Theater Arts I or Teacher Recommendation			

Marching Band: Optional PE Elective	Season 1 (J30100)	Season 2 (J30101)	all pathways		.5 PE Elective Credit
Beginning the 2025-2026 school year, students may earn (.5) PE Elective credit based on a minimum 2 season commitment and successful completion of the outlined curriculum requirements; some of which may take place outside the normal school day / school year. Engagement in a minimum of 90% of each of the following:					
- Practices - Mondays and Thursday from 6:00 - 8:30 Winter Guard season practices are Tuesday and Thursdays from 6:00 - 9:00 - Performances - All home football games(marching band) - Competitions - 5 or 6 competitions throughout the season - Both marching band and Winter Guard - Attendance at summer band camp for marching band. Weekend camps for Winter Guard					

* Students are responsible for purchasing materials and paying additional costs for this course*

Grading Standards:

- Season 1: Student meets expectations and receives a “P” for participation/No credit.
- Season 2: Successful completion of season 1 requirements. Student meets season 2 expectations and receives an “S” + .5 PE Elective credit.

Grade(s) Taught: 9,10, 11, 12	Prerequisites: Season 1: Teacher Recommendation; Season 2: Successful completion of season 1 and teacher recommendation.
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Winter Guard: Optional PE Elective	Season 1 (J30102)	Season 2 (J30103)	all pathways		.5 PE Elective Credit
Beginning the 2025-2026 school year, students may earn (.5) PE Elective credit based on a minimum 2 season commitment and successful completion of the outlined curriculum requirements; some of which may take place outside the normal school day / school year. Engagement in a minimum of 90% of each of the following: ● Practices - Winter Guard season practices are Tuesday and Thursdays from 6:00 - 9:00 ● Competitions - 5 or 6 competitions throughout the season ● Attendance at weekend camps * Students are responsible for purchasing materials and paying additional costs for this course* <u>Grading Standards:</u> ● Season 1: Student meets expectations and receives a “P” for participation/No credit. ● Season 2: Successful completion of season 1 requirements. Student meets season 2 expectations and receives an “S” + .5 PE Elective credit.					
Grade(s) Taught: 9,10, 11, 12	Prerequisites: Season 1: Teacher Recommendation; Season 2: Successful completion of season 1 and teacher recommendation.				

VISUAL ARTS			
Course Title	Length	Grade Offered	Prerequisite
Art History	1 semester	10,11,12	None
Art Introduction	1 semester	10,11,12	None
Graphic Design	1 semester	10,11,12	Art Introduction
Digital Photography	1 semester	10,11,12	None
Advanced Digital Photography	1 semester	11, 12	Digital Photography
Drawing	1 semester	10,11,12	Art Introduction
Mixed Media/Sculpture	1 semester	10,11,12	None
Digital Illustration	1 semester	10,11,12	Art Introduction
Photoshop	1 semester	10,11,12	None
Painting	1 semester	10,11,12	Art Introduction (Drawing Recommended)
Advanced Drawing & Painting	1 semester	11,12	Art Intro, Drawing, Painting & teacher rec
Mathematical Art	1 semester	11,12	None
Video Game Design	1 semester	10,11,12	None
Ceramics	1 semester	10,11,12	None
Ceramics 2	1 Semester	10,11,12	Ceramics

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Art History	(C10130)	a,h		.5 Credit
In Art History, students will explore the creation and cultural/historical relevance of art through various art and architectural movements as they pertain to 2-D and 3-D art. Noteworthy artists and their creations will be observed. Students will create a variety of art projects throughout their investigations.. The material will be studied with a true regional comparative perspective. There are two field trips in this course: One to the Detroit Institute of Arts and the second is a walking tour of the Architecture in Downtown Detroit.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Art Introduction	(L20050)	all pathways		.5 Credit
This art class focuses on the fundamental knowledge and skill of drawing and design. This class is a prerequisite for advanced courses. Students will create two-dimensional projects using a variety of materials, tools, techniques, and processes. The art elements will be emphasized.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Graphic Design	(L20070)	all pathways		.5 Credit
This advanced level course emphasizes creating 2-D compositions utilizing the principles of design. Students will learn how to communicate stories and ideas through both images and text. Some careers in this field will be explored. Media explored in this class might include computer programs, pencil, colored pencil, watercolor, pastels, etc.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Art Introduction			

Digital Photography	(L20100)	all pathways		.5 Credit
Students will learn aspects of taking pictures, the workings of a camera, as well as the manipulation of your images on the computer using Adobe Photoshop. Students will be exposed to the work of historical/famous photographers and units may include: Photojournalism, Food Photography, Fashion Photography, Nature Photography, Portrait Photography, Product Photography etc.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Advanced Digital Photography	(L20101)	all pathways		.5 Credit
Students will expand upon their knowledge from Digital Photography; Exploring creative manipulations of their images on the computer using Adobe Photoshop. Students will enhance their creative skills by learning more advanced techniques for taking and manipulating photographs. Students will deepen their exploration and understanding of different idea expression and creative compositions. Projects may include altering reality/composites, creative fun with lighting, enhanced portrait skills, photojournalism, playing with words and images, etc.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Digital Photography			

Drawing	(L20060)	all pathways		.5 Credit
This advanced level course emphasizes observation and imagination as a means of creating composition. A number of drawing skills, media, and techniques are learned, while dealing with subjects, such as: portraits, figures, interiors, still life & landscape.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Art Introduction			

Mixed Media/Sculpture	(L20040)	all pathways		.5 Credit
The student who elects this course will receive a broad-based experience in 3-D design and sculpture through the use of the elements of art and principles of design. This course will help increase the knowledge, intellectual and physical, and critical thinking of 3-D design and sculpture. The student will be involved with a wide variety of materials such as wood, wire, metals, paper products, and the appropriate skills and techniques.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Painting	(L20090)	all pathways		.5 Credit
This advanced level class will explore a variety of painting mediums, techniques & styles. Mediums may include acrylic, watercolor, & gouache. Students will explore portraiture, landscape, mixed media, and famous works of art in history.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Art Introduction (Drawing recommended)			

Digital Illustration	(L20110)	all pathways		.5 Credit
This Advanced level course provides a fundamental understanding of the computer as a powerful art and design tool. Students will learn the tools and uses of Illustrator, while drawing with tablets, as they pertain to Graphic Design, Illustration, and other pertinent art fields. Digital drawing, design and painting techniques will be studied. Projects may include Character Design, Abstract Art, and Children's Book Illustration. (Tablets Provided)				
Grade(s) Taught: 10, 11, 12	Prerequisite: Art Introduction			

Photoshop	(L20120)	all pathways		.5 Credit
Students will learn the tools and uses of Photoshop as they pertain to Composition using both images and text. The main curriculum of this class includes the manipulation of images using Photoshop as it applies to many art projects which may include, Shoe Design, Text Manipulation, Movie Poster Design, Advertising Projects, Soundwave art, Digital Painting, and other manipulations of images for a variety of purposes.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Advanced Drawing & Painting	(L20400)	all pathways		.5 Credit
The emphasis of this course will be on drawing and painting in many forms and media. Projects will be done from direct observation as well as from the imagination. Subjects will include, but not be limited to, the portrait, landscape, and still life. Students must demonstrate the ability to work independently and engage in critical self reflection. Various subjects, styles, and techniques will be used to explore the creation and completion of several works of art. In this class students will have the opportunity to create a portfolio for possible college admission.				
Grade(s) Taught: 11, 12	Prerequisite: Art Introduction, Drawing, Painting and Teacher Recommendation			

Mathematical Art (formerly Mathtastic Art)	(L20130)	all pathways		.5 Credit
Students will be exposed to an assortment of art mediums and create a variety of art projects through mathematical concepts. Students will learn and apply mathematical concepts in art, as well as study the history & connections between art and math using famous historical artists. Projects may include Photography, Painting, Drawing, Mixed Media, & Sculpture. Approved as a math elective credit.				
Grade(s) Taught: 11, 12	Prerequisite: None			

Video Game Design	(L20200)	all pathways		.5 Credit
Using the program Construct, students will create a working 2 dimensional video game. Students will learn a bit about the history of video games, types of games, and work on plot, story, characters, backgrounds etc. Problem solving will be heavily emphasized in this class. There will not be any formal coding in this class, rather interactions with concepts of objects, actions, and interplay of elements in creating a game. No experience in programming is necessary. Art aspects of the game will be emphasized as well. For more information on the program Construct, click here .				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Ceramics	(L20330)	all pathways		.5 Credit
This is a beginning level class in ceramic materials and processes. The class will cover various hand-building techniques including coil, slab and pinch. Basic surface texture and glazing techniques will also be taught.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Ceramics 2	(L20332)	all pathways		.5 Credit
Ceramics 2 further expands on the ideas and skills learned in Ceramics 1. Students will explore and expand on a variety of ceramic techniques including more complex hand building, sculptural, and glazing techniques. Students are encouraged to develop creative thinking and personal voice.				
Grade(s) Taught: 10, 11, 12	Prerequisite: Ceramics			

PHYSICAL EDUCATION			
Course Title	Length	Grade Offered	Prerequisite
Physical Education/Health	1 semester	10,11,12	None
Fall Football Techniques	1 semester	10, 11, 12	None
Spring Football Techniques	1 semester	10, 11, 12	None
Lifeguard Training	1 semester	10, 11, 12	15 years old
Racquet Sports	1 semester	10, 11, 12	None
Fitness & Individual Training	1 semester	10, 11, 12	None
Stress Management	1 semester	10, 11, 12	None
Team Sports	1 semester	10, 11, 12	None
Female Team Sports & Wellness	1 semester	10, 11, 12	None

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

Physical Education/Health	(M20550)	all pathways		.5 Credit
Embark on a journey to wellness with PE/Health, a dynamic semester long course designed to inspire a lifetime of healthy living. This engaging program blends physical activity with essential health education, offering students a well-rounded approach to personal fitness and overall well-being. Through hands-on experiences, students will develop fundamental skills, boost their physical fitness, and discover the joy of staying active. Activities include a variety of movement-based learning opportunities such as: • Health & Fitness: Personal fitness routines, strength training, cardiovascular endurance, flexibility exercises, and wellness goal setting. • Invasion Games: Basketball, soccer, flag football, and other fast-paced team games that emphasize strategy, teamwork, and movement in shared space. • Target Activities: Archery, disc golf, and similar precision-based activities that challenge hand-eye coordination and focus. • Net & Wall Activities: Volleyball, badminton, and pickleball, which develop agility, coordination, and cooperative play. • Territory Games: Kickball, ultimate frisbee, and other activities that promote movement, teamwork, and spatial awareness. Beyond physical fitness, students will engage in thoughtful discussions and activities aligned with the Michigan Model Curriculum on building healthy, responsible relationships. **This course fulfills the PE/Health graduation requirement.**				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Note: the following courses satisfy the PE Elective requirement, But NOT the PE/Health requirement:

Fall Football Techniques	(M20390)	all pathways		.5 Credit
Designed for students with a strong passion for the game, this course provides an in-depth exploration of football's physical, technical, and strategic aspects. Students will deepen their understanding of football through a comprehensive curriculum that includes: History & Rules, Positional Skills & Techniques, Film Breakdown & Strategy, Conditioning & Strength Training, and Flexibility & Injury Prevention. The blend of on-field training, classroom learning, and film study creates a holistic approach to player development. Students will enhance their football IQ, sharpen their position-specific skills, and build the strength and endurance needed for peak performance.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Spring Football Techniques	(M20710)	all pathways		.5 Credit
Spring Football Techniques, is a specialized off-season training course designed for students with a strong passion for football. This course provides an opportunity to sharpen skills, build strength, and prepare mentally and physically. Students will engage in a comprehensive curriculum that includes: Rules & Game Knowledge, Position-Specific Skills & Techniques, Conditioning & Strength Training, Flexibility & Injury Prevention, and Team Building & Leadership. Students will also have the chance to refine their football IQ through film study and strategy sessions, analyzing plays and breaking down defensive coverages and offensive schemes. This blend of classroom learning, physical training, and team-building exercises fosters a sense of team building and shared commitment essential for team success.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Lifeguard Training	(M20720)	all pathways		.5 Credit
Become a certified lifeguard in this comprehensive, hands-on course, you will develop strong swimming abilities through a rigorous assessment and learn essential water rescue techniques. You'll gain vital knowledge in first aid, CPR, and AED usage, and learn effective emergency response procedures to handle any situation with confidence. Additionally, you will enhance your communication skills and apply your learning through simulated rescue scenarios tailored to your specific work environment. Upon successful completion of the Lifeguard Training course, each participant will receive an American Red Cross Universal Certificate indicating Lifeguard Training and First Aid that is valid for 3 years and another indicating CPR for the Professional Rescuer that is valid for 1 year. This course provides you with job-ready skills as a certified lifeguard, ensuring you're fully prepared for a career in aquatic safety. **Students are responsible for the \$35 dollar fee to be paid to the Red Cross to receive their certification **Note: This course fulfills the elective Physical Education graduation requirement.				
Grade(s) Taught: 10, 11, 12	Prerequisite: 15 years old			

Racquet Sports	(M20640)	all pathways		.5 Credit
Swing into action with Racquet Sports, a fast-paced and engaging course that blends physical activity with strategy and skill development. This course introduces students to a variety of racquet-based and leisure activities designed to build agility, coordination, and lifelong fitness habits. Students will explore and develop their skills through exciting units, including: Tennis, Badminton, Table Tennis, Pickleball, and Lifetime Leisure Sports & Activities (Volleyball, Recreational Games). Through skills-based drills, strategy sessions, and gameplay, students will develop techniques, learn game rules, and practice effective strategies to become confident, well-rounded players. This course also emphasizes sportsmanship, teamwork, and respect—vital skills for success on and off the court. Note: This course fulfills the elective Physical Education graduation requirement.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Fitness & Individual Training	(M20670)	all pathways		.5 Credit
Take charge of your health and build a foundation for lifelong wellness with Fitness and Individual Training. This course empowers students to set personal fitness goals, track their progress, and develop the skills needed to maintain a healthy, active lifestyle. Students will be exposed to a variety of strength training methods and will explore the 5 components of physical fitness: Cardiovascular Endurance, Muscular Strength, Muscular Endurance, Flexibility, and Body Composition Students will be responsible for maintaining personal fitness charts, tracking their progress, and setting individual goals. They will also learn proper exercise safety and training techniques, ensuring they can continue their fitness journey safely and effectively beyond the classroom. Whether you're looking to get stronger, increase endurance, or simply live a healthier lifestyle, Fitness and Individual Training provides the tools, knowledge, and motivation to help you succeed. By the end of the course, students will have the confidence and competence to maintain a balanced, active lifestyle for years to come. Note: This course fulfills the elective Physical Education graduation requirement.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

Stress Management	(M20630)	all pathways		.5 Credit
The <i>Stress Management</i> course equips students with the essential tools to navigate and manage stress effectively while promoting overall wellness. This comprehensive class blends physical fitness, mindfulness practices, and mental health strategies to help students thrive both in and outside the classroom. Throughout the course, students will: - Gain a deeper understanding of overall health, including how physical fitness, self-esteem, and relaxation techniques influence well-being. Learn powerful stress-reduction methods, including deep breathing exercises, different types of meditation (guided, mindfulness, visualization), and gratitude practices. - Build practical skills in prioritizing tasks, setting goals, and reducing procrastination to better handle academic pressures. Study the body's natural stress responses (fight, flight, freeze, fawn) and learn strategies to manage them effectively. Discover how to challenge and turn around negative thoughts, fostering a resilient mindset.				

Explore a range of fitness practices, including yoga, Pilates, HIIT workouts, tai chi, and Tabata routines that reduce stress and boost physical and mental energy.

- Develop a healthy relationship with food and learn how to listen to your body's needs for nourishment without guilt or pressure. Incorporate journaling, emotional awareness, and mindfulness exercises to clear mental fog, boost self-awareness, and reduce anticipatory stress. Experience fun, engaging activities that promote relaxation and mental clarity, helping students recharge and restore balance.

Note: This course fulfills the elective Physical Education graduation requirement.

Grade(s) Taught: 10, 11, 12

Prerequisite: None

Team Sports

(M20580)

all pathways

.5 Credit

Team Sports is a high-energy course designed to build physical skills, foster teamwork, and deepen students' understanding of team-based sports.

Students will participate in a variety of sports units, including but not limited to: Football, Floor Hockey, Basketball, Dodgeball, Volleyball, Soccer, and Ultimate Frisbee.

Each unit emphasizes skills-based drills and demonstrations to refine techniques like passing, shooting, and strategic play. Students will also explore the history, rules, and strategies behind each sport, gaining a deeper appreciation for the games they play.

Beyond physical skills, this course promotes teamwork, communication, and sportsmanship. Students will learn to collaborate, support their teammates, and demonstrate respect for each other.

Note: This course fulfills the elective Physical Education graduation requirement.

Grade(s) Taught: 10, 11, 12

Prerequisite: None

Female Team Sports & Wellness

(M20581)

all pathways

.5 Credit

This dynamic course is designed to empower female high school students through a variety of team sports and activities, promoting overall wellness and fitness. Students will receive fundamental instruction in personal fitness, group dynamics, and teamwork, while exploring a variety of sports that enhance physical health and mental well-being.

Through hands-on experiences, students will learn how to work together as a team, improve their fitness levels, and understand the importance of staying active to lead a stress-free and healthy lifestyle. From developing strength and endurance to boosting confidence and communication skills, this course is all about fostering positive group interactions and personal growth.

Female Team Sports offers something for everyone. This course encourages students to embrace an active lifestyle that supports both physical and emotional health.

Note: This course fulfills the elective Physical Education graduation requirement.

Grade(s) Taught: 10, 11, 12

Prerequisite: None

SPECIAL EDUCATION			
Course Title	Length	Grades Offered	Prerequisite
LRC Support	1 or 2 semesters	10, 11,,12	Teacher Rec.
Essential ELA/Social Studies/ Science	2 semesters	9, 10, 11, 12	Teacher Rec.
Essential Math	2 semesters	9, 10, 11, 12	Teacher Rec.
Essential Health and Wellness	2 semesters	9, 10, 11, 12	Teacher Rec.
Vocational Explorations	2 semesters	9, 10, 11, 12	Teacher Rec.
Fundamentals of ELA 10, 11, 12	2 semesters	10, 11, 12	Teacher Rec.
Fundamentals of Geometry	2 semesters	10, 11, 12	Teacher Rec.
Essential Water Recreation	1 or 2 semesters	10, 11, 12	Teacher Rec.
Personal Living Skills	1 or 2 semesters	10, 11, 12	Teacher Rec.

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

LRC Support	A (S20271)	B (S20272)	all pathways		.5 Credit
This course is designed to give students individual assistance in preparing for general education coursework and the development of study techniques and personal adjustment. Students will also spend time working on their individual goals per I. E.P. Number of semesters is determined by I.E.P.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Fundamentals of English Language Arts 10	A (S10001)	B (S10002)	all pathways		1 Credit
This course includes a curriculum in reading, composition, grammar, and vocabulary. Remediation is the primary focus in the areas of reading comprehension, basic reading, written expression, and reading fluency. Students will study short stories, poems, and novels aligned with the state's expectations. Students will explore both narrative and expository text in a variety of genres. Instruction will also include the practical use of language including vocabulary study, grammar and mechanics.					
Grade(s) Taught: 10	Prerequisites: None				

Fundamentals of English Language Arts 11	A (S10003)	B (S10004)	all pathways		1 Credit
This course includes a curriculum in reading, composition, grammar, and vocabulary. Remediation is the primary focus in the areas of reading comprehension, basic reading, written expression, and reading fluency. Students will study short stories, poems, and novels aligned with the state's expectations. Students will explore both narrative and expository text in a variety of genres. Instruction will also include the practical use of language including vocabulary study, grammar and mechanics.					
Grade(s) Taught: 11	Prerequisites: None				

Fundamentals of English Language Arts 12	A (S10005)	B (S10006)	all pathways		1 Credit
This course includes a curriculum in reading, composition, grammar, and vocabulary. Remediation is the primary focus in the areas of reading comprehension, basic reading, written expression, and reading fluency. Students will study short stories, poems, and novels aligned with the state's expectations. Students will explore both narrative and expository text in a variety of genres. Instruction will also include the practical use of language including vocabulary study, grammar and mechanics.					
Grade(s) Taught: 12	Prerequisites: None				

Fundamentals of Geometry	A (S10024)	B (S10025)	all pathways		1 Credit
The lessons in this course meet prioritized geometry content standards of the Common Core State Standards for Mathematics (www.corestandards.org/math). This course embeds the CCSS Standards for Mathematical Practice as an integral part of the lessons. Students will also develop skills related to their individual IEP goals.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Algebra I and Teacher Recommendation				

Essential Health and Wellness	A (S10034)	B (S10035)	all pathways		1 Credit
This course provides explicit instruction and hands-on activities that focus on individual physical and emotional wellness. Students will gain skills in the areas of self-advocacy, goal-setting, decision making, self-regulation, and positive behavior strategies. Self care, reproductive health, nutrition, and participation in physical activities will be a part of this course.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Essential ELA/Science/Social Studies	A (S10030)	B (S10031)	all pathways		1 Credit
This course provides students with explicit instruction in <i>language arts</i> skills that align with state alternate standards (Essential Elements). Using a balanced-literacy framework for teaching language arts, four language arts areas (guided reading, self-selected reading, writing, and working with words) are integrated into reading instruction. Science and social studies content is embedded in this class. Emphasis will be placed on building individual basic skills, as well as the practical application of reading and writing as it relates to daily living, community participation and personal enjoyment.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Essential Math	A (S10032)	B (S10033)	all pathways		1 Credit
This course provides students with explicit instruction in math. Mathematic skills align with state alternate standards (Essential Elements). Emphasis is on building individual skills, as well as the practical application of skills related to daily living and community participation.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Vocational Exploration	A (S80023)	B (S80024)	all pathways		1 Credit
This course provides students with explicit instruction in vocational and employability skills. Emphasis is on building individual skills, as well as the practical application of skills related to daily living and community participation.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Essential Water Recreation	A (S80010)	B (S80011)	all pathways		1 Credit
This course provides students with physical fitness opportunities while swimming. <i>Clarkston High School students only.</i>					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

Personal Living Skills	A (S20341)	B (S20342)	all pathways		1 Credit
This course provides students with instruction that will build skills in activities of daily living and communication. These activities will support greater independence for students as they reach adulthood. Students will be given instruction and hands-on experiences in social skills, and interpersonal communication, household upkeep, safety issues, personal finance, and independent living and goal setting.					
Grade(s) Taught: 10, 11, 12	Prerequisites: Teacher Recommendation				

SUPPLEMENTAL CATEGORY

Course Title	Length	Grade Offered	Prerequisite
A World of Difference	2 semesters	10,11,12	Application and Interview
Academic Seminar	1 or 2 semesters	10,11,12	Teacher/Counselor Rec
CHS LEAD - Leadership Education/Student Council	2 semesters	10, 11,12	Application and Interview
ELD Support	2 Semesters	10, 11, 12	Teacher/Counselor Rec
Happiness & Wellbeing	1 Semester	10,11,12	Teacher/Counselor Rec
Independent Study	1 semester	12	Application
Spanish A.D.E. (Ayudantes de Español)	1 semester	11,12	A or better in Spanish 4 & Teacher Rec
Student Link	1 semester	10, 11, 12	None
S.U.M. (Students Understanding Math)	1 semester	11,12	Teacher Rec.

Career Pathways:

a = arts and communications

b = business, management, marketing & technology

e = engineering and industrial

h = human services

n = natural resources

s = health services

A World of Difference	A (N10040)	B (N10042)	all pathways		1 Credit
A World of Difference is a program with the goal to improve the culture of Clarkston Community Schools. Members will design and execute special activities at CHS to improve the lives and attitudes of CHS students. Students will also be trained to present anti-bullying lessons to middle school students. Skills involved include public speaking, listening, conversing, organizing, planning, and leadership. Students will be out of school approximately one day per month to travel to the middle school, and they will be expected to make up any coursework they miss while at AWOD events. We are looking for a diverse group of students who are hardworking, responsible, self-motivated, and want to make a positive impact on the world.					
Grade(s) Taught: 10, 11, 12		Prerequisites: Application and Interview			

Academic Seminar	A (N11001)	B (N11002)	all pathways		1 Credit
Academic Seminar is designed for students who need additional support to work on concepts covered in their courses. Students will have the opportunity to work on their homework, study for tests/and/or quizzes, and work on organizational skills. Students are required to use their planners, which will be checked daily by the teacher.					
Grade(s) Taught: 10, 11, 12	Teacher / Counselor Recommendation.				

CHS LEADERSHIP (Leadership Education/Student Council)	A (N10004)	B (N10005)	all pathways		1 Credit
This course focuses on basic “servant leadership” skill building in personal, social, organizational, and community areas. It prioritizes advanced communication, team building, and responsibility. Emphasis is placed on leadership through small and large scale school event/project planning, leadership training curriculum, and periodic activity-based learning. This course is open to 10th, 11th and 12th grade students who wish to serve CHS and greater Clarkston communities. Members selected to the CHS LEAD Program will meet in class daily, as well as have occasional requirements after school and during the summer for events, planning, and team building. Sophomores enrolled in the program will have the opportunity to work alongside the Junior and Senior members in school and community-wide initiatives. Students must reapply each year for admission to the program and qualified candidates will be asked to complete an interview prior to selection.					
Grade(s) Taught: 10, 11, 12		Prerequisites: Application			

ELD Support	A (N20071)	B (N20072)	all pathways		1 Credit
This class is designed to support the academic and emotional needs of MLL (multi-language learners) and International Exchange students at Clarkston High School. This course serves as not only a great opportunity for students in similar academic and domestic situations to check in with one another, but also serves to support their academic and language growth. Students are expected to check their grades weekly and use the hour to focus on homework and/or missing assignments in all other classes. Additionally, many students prefer to take assessments or work on projects from other classes in an alternate environment, and this class serves that purpose. *Exchange students who score above a 4 on their WIDA Screener have the option to take this class as an elective, but it is highly encouraged to take for at least the 1st semester while students acclimate to Clarkston High School.					
Grade(s) Taught: 10, 11, 12		Teacher / Counselor Recommendation.			

Happiness & Wellbeing	(N10050)		all pathways		.5 Credit
This course will focus on the science of what makes us happy and feel content. This curriculum will share evidence-based strategies for helping students feel happier in high school and beyond. Students will learn about common misconceptions about happiness; biases that get in the way; behaviors, thoughts, and feelings that lead to more contentment; and how to achieve our wellness goals. By the end, students will learn tools and experiment with ways to feel better and build healthier habits.					
Grade(s) Taught: 10, 11, 12		Teacher / Counselor Recommendation.			

Independent Study			all pathways		.5 Credit
Independent study is an individualized course created in consultation with a cooperating teacher in a specified academic area. Students must have exhausted all CHS academic offerings in the specified subject area, and wish to focus on furthering knowledge/experience within the identified discipline. ***Colleges and Universities may not recognize an independent study course as a core class or rigorous elective. It is strongly recommended that students check with academic institutions to determine how this course would be viewed on a transcript if submitted for application.					
Grade(s) Taught: 12		Application, collaborated curriculum with supervising teacher, and signed approval from CHS administration.			

Spanish A.D.E (Ayudantes de Español)	(N20049)	all pathways		.5 Credit
The ADE program - Ayudantes de Español- is by Spanish Teacher recommendation only. This course is designed to support and mentor those students who struggle in Spanish. ADE students will be placed in a Spanish 3 class and will assist struggling students and/or work with more advanced students as needed to help challenge them. This is a semester course but a student can register for ADE for more than one semester. Spanish A.D.E. students will be graded on the following basis: "Satisfactory" (S) .5 credit, or "Unsatisfactory" (U) no credit.				
Grade(s) Taught: 11, 12		Prerequisite: A or better in Spanish 4 and Spanish Teacher Recommendation		

Student LINK	(N20310)	all pathways		.5 Credit
This class is a semester course designed to facilitate awareness of individuals with special needs, the systems they require for placement in general education classes and the benefits of peer-to-peer support in the least restrictive environment. Link students will support students with special needs in a variety of settings throughout the school day at the teacher's discretion. Students may not take Student Link twice during the same semester. Student Links will be graded on the following basis: “Satisfactory” (S) .5 credit, or “Unsatisfactory” (U) no credit.				
Grade(s) Taught: 10, 11, 12	Prerequisite: None			

S.U.M (Students Understanding Math)	(N20050)	all pathways		.5 Credit
The SUM program - Students Understanding Math is by Math Teacher recommendation only. This course is designed to support and mentor those students who struggle in math. SUM students will be facilitating students in either a support class or in a co-taught math class. They will help with math and study skills for students who are struggling. This is a semester course but a student can register for SUM for more than one semester. S.U.M. students will be graded on the following basis: “Satisfactory” (S) .5 credit, or “Unsatisfactory” (U) no credit.				
Grade(s) Taught: 11, 12	Prerequisite: B or better in Algebra II and Math Teacher recommendation			