

2021-2022 Coldwater High School Course Description Guide

Parents and Students:

The philosophy underlying the curriculum offerings at Coldwater High School is one which recognizes the need for sound educational preparation. As a result, the curriculum includes a strong emphasis on fundamentals leading to the development of communication skills, computational competence, and an understanding of the social process. It also recognizes that students differ in abilities and interests, and therefore, an attempt is made to provide as many experiences and choices to students as personnel and facilities permit.

Included in this brochure are the available offerings from which a high school student may choose. It should be understood, however, that not all of these can be made available in one school year. The decision as to which will be offered and our budgeting of materials will be based on selections made by students, personnel, and the availability of our facilities. The final schedule will be created in a manner that eliminates many conflicts that can occur between class options but conflicts will exist in some cases. At that point, students will be asked to make other choices and will be placed into alternative courses. It is therefore extremely important that the selection of classes be a joint effort between student and parents.

It is expected that students will set career goals, obtain information on potential classes from teachers and counselors, and consider their post-secondary educational plans prior to selecting courses for each school year. This is vitally important due to the fact that schedule changes after the school year begins are quite difficult and will be made only for a limited number of educational reasons.

Our world is constantly changing as existing jobs become more complex and new jobs demand increased levels of education. Students must acquire advanced technical skills, increased academic competencies, and greater problem solving abilities to become successful citizens and employees of the future. The focus must be lifelong learning.

In a partnership with the Branch Area Careers Center (BACC), Coldwater High School offers challenging courses of study in each Career Pathway, which assure the acquisition of more technically oriented knowledge and skills. These coordinated sequences of academic and technology courses available at Coldwater High School and the BACC prepare students for lifelong learning at Community Colleges, Technical Institutes, worksite apprenticeships, and four-year colleges or universities.

As students enroll in high school classes, they must select a Career Pathway and a four-year sequence of courses. Each student will produce an Educational Development Plan (EDP), which will provide a sequence for their high school coursework as they prepare for post-secondary plans by entering the world of work, community college, technical college, military, or four year University. EDP's will be structured around their career plans, including required courses and recommended electives for their selected pathway. Students will review their progress toward achieving their career goals on an annual basis, refining their plans, course progression, and career goals.

Students and parents should study course sequences carefully and use them as a guide to plan for the high school course progression that will prepare your son or daughter for their post-secondary educational career after high school. Please contact your child's counselor for any admission requirements that may be in place for specific colleges or universities.

It is the combined responsibility of students, parents, the school, and the community to provide experiences necessary to assist students in making informed decisions about career opportunities and the education necessary for their planned career choice. Parents are encouraged to schedule an appointment with their child's counselor to help answer any questions about this very important process.

Bill Milnes, Principal
Krista Searls, Assistant Principal

Michigan Merit Curriculum Requirements: High School Diploma Requirements

Holding students to consistent, high standards that will prepare them for the life and global economy they will face is the intent behind Michigan's high school graduation requirements. Successfully completing these requirements will give you a strong foundation in preparation for higher education and to be competitive in securing the jobs of the 21st Century. In the short-term, the requirements will prepare you to pass the Michigan Merit Exam in your junior year of high school and assist in college admission and success.

To earn a CHS diploma, a student must complete the following course work while in high school and earn a total of at least 21 credits in their four years of study. Each year, a student has the opportunity to earn a total of 6 credits. Students who are officially designated as "Alternative Education" may graduate with an approved 18 credits.

English Language Arts No Modifications Allowed	4 credits required (course specific for 9-11 th grade students with various options in the 12 th grade)
Mathematics	4 credits required (must include Algebra 1, Geometry, and Algebra 2) Limited Algebra II modifications are available (all students must take a math or math related course in their final year of high school)
Science No Modifications Allowed	3 credits which must include Biology and (Physical Science, Physics, Chemistry, Anatomy, or the Agri- Science program at the BACC). The 3 rd credit can be any additional science course or it can be replaced with the completion of any CTE Program.
Social Studies	3 credits (must include US History, World History A&B, Modern American History, The American Economy, and Government) Social Studies modifications can be requested only if a student takes additional credit beyond the required credits in English, Math, Science, or World Languages or completes a BACC program. The Government requirement cannot be modified.
Health and Physical Ed	1 credit total Health/Physical Ed modifications are only available if a student takes additional credit beyond the required credits in English, Math, Science, or World Languages or completes a BACC program.
Visual, Performing, Applied Arts	1 credit Visual, Performing, Applied Arts modifications are only available if a student takes additional credit beyond the required credits in English, Math, Science, or World Languages or completes a BACC program.
World Language World Language Requirement:	2 credits No Modifications are allowed but students may fulfill this with a course credit or by meeting the required 2-year proficiency test score. Students graduating up through the class of 2021 may also waive the 2 nd credit of the language by completing any BACC CTE program or through completing additional Visual, Performing, or Applied Arts credits. This requirement may also be fulfilled with a real-world life experiences as approved by the school.

Personal Curriculum: After the 9th grade year, a parent/guardian of a student may request a personal curriculum for the student that modifies certain MMC standard requirements. If all of the requirements for a personal curriculum are met, then the board of a school district may award a high school diploma to a student who successfully completes his or her personal curriculum, even if it does not meet the standard requirements of the Michigan Merit Curriculum. The personal curriculum will be considered only after all other options have been attempted, and must meet stringent requirements for determining educational goals and evaluating student progress.

Testing Out: High School students may "test out" of, or earn credit for, a high school course that they are not enrolled in, by exhibiting a certain level of mastery in the course by completing the test out assessment and any other additional required projects. The student must receive a score of not less than 85% on the test out assessment and performance requirements, in order to receive credit. Students must request the opportunity to test out of a course for the following school year in the spring before June 1st as the tests must be completed by the third week of August.

PROCEDURES FOR ENROLLMENT

I. PLANNING THE SCHEDULE

Preparation of a student's schedule requires some careful planning and consideration of career interests, skills, and abilities. The curriculum at Coldwater High School allows great flexibility in meeting the needs of the individual student, and great care should be taken in making choices.

In February of each year, teachers of English, Mathematics, Social Studies, and Science will be making recommendations for courses based on past performance and ability. Combining all aspects mentioned above, a program can be developed.

II. COMPLETING THE SCHEDULE

- a. Review student career goals, interests, abilities, teacher recommendations, required courses for each grade, and the student's Educational Development Plan (EDP).
- b. Check graduation requirements for the specific classes.
- c. Select courses from various departments and carefully check grade levels and prerequisites.
- d. Complete enrollment worksheet. (For counseling assistance, call 279-5932.)
- e. Return worksheet to the school by the date specified on the form.
- f. Parents and students have an opportunity to review course requests as placed into the Skyward System online or by contacting the school.

COURSE GRADES

To clearly represent the distinction between the levels of learning and performance represented by course letter grades, CHS will use the following listed numerical value for each grade earned in any given course. This value will be used to calculate the Cumulative Grade Point Average of a student at the end of each semester.

A or A+ = 4.0	B- = 2.67	D+ = 1.34
A- = 3.67	C+ = 2.34	D = 1.0
B+ = 3.34	C = 2.0	D- = 0.67
B = 3.0	C- = 1.67	E = 0.0

WEIGHTED GRADES

All Advanced Placement courses offered and taught at Coldwater High School will be "weighted". This does not include online or independent-study courses. When offered, the listed classes will follow the Advanced Placement curriculum and will be weighted an additional 1.0 GPA point towards the GPA. Semester grades of "E" in an AP course will still have a zero GPA value and will not receive an additional 1.0 GPA point.

Advanced Placement Biology	Advanced Placement European History
Advanced Placement Chemistry	Advanced Placement Government
Advanced Placement Calculus	Advanced Placement Physics
Advanced Placement Composition (11 th Grade)	Advanced Placement Psychology
Advanced Placement Literature (12 th Grade)	Advanced Placement U.S. History

GRADUATION REQUIREMENTS

All student's schedules and credits are based on a semester model that offers students the opportunity to select 6 courses each semester for a total of 12 sections a year that represent 6.0 full-credits per year. Over the course of 4 years students can earn 24 credits. Each course is equivalent to (.5) credit. All students must obtain credit in the required courses and earn at least 21.0 full credits.

Students qualifying for a diploma must:

1. Meet all general and specific requirements for their graduation class.
2. All students are required to take the State Required Assessments.

CREDITS Required to Earn a Diploma:

In addition to the required courses listed above, students are asked to take electives that will enrich their educational experience. Students wishing to attend the Branch Area Careers Center must understand that attending the BACC is considered an elective course offering in most circumstances and failing to pass any required courses in the 9th or 10th grade can greatly reduce the opportunity of attending the BACC. Students must earn a minimum of 21.0 total credits (required courses and electives) in order to earn a diploma from Coldwater High School. A student who is approved by the administration as an alternative education student in his or her EDP will be required to earn a personalized 18.0 total credits in order to meet the requirements of earning a high school diploma.

LIMITATIONS

- a. Juniors and seniors enrolled at the BACC must be enrolled in three credit courses at Coldwater High School each semester.
- b. Students must be enrolled in a minimum of 6 classes per semester to be considered a full-time student.
- c. **Summer School** - All who enroll in a summer school program must have prior approval of Coldwater High School. Summer school courses are completion of courses **previously** failed (must have earned at least a 40% grade) at Coldwater High School. **Students who failed because they did not complete the course will not be considered as candidates for the summer school option.** No more than one credit can be earned per year. **Students must see their counselor in April or May for enrollment forms.**
- d. Due to differences in credits and master schedules of other schools, a maximum of 1 credit per year beyond Coldwater High Schools regular 6.0 credits can be transferred in from another school.
- e. If a student fails a required course for graduation, no credit is granted and the class must be made up. Since there is little room in a student's schedule each year for make up classes, the failed classes could result in the student **not graduating with their class.**

BRANCH COUNTY EARLY COLLEGE PROGRAM

Coldwater High School, in a partnership with Kellogg Community College and the BACC, offers an Early College Program that is available to students entering the 11th grade. This program allows a student to attend school for a 13th year and earn at least 30 transferable credits from KCC. Information about the Early College Program is given to each 10th grade student and their parents in the spring so they can determine if the Early College Program is an appropriate option based on their child's EDP. Students who are participants in the Branch County Early College program are allowed to participate in the graduation and senior ceremonies of their original graduating class as long as all graduation participation requirements have been met as outlined in the Early College Agreement and Contract. Early College students must complete a math related experience in their final year in order to fulfill the graduation requirements for Early College students.

NCAA INITIAL-ELIGIBILITY FACTS

The rules and requirements for meeting the eligibility regulations for NCAA athletics changes from time to time. To have the most up to date information, students and parents are directed to visit the official NCAA eligibility Center website at <http://eligibilitycenter.org>. At this site, parents and students will learn of the course, GPA, and assessment requirements that are necessary for students to participate in the various NCAA levels of athletics. If you have any questions, please visit your counselor.

DUAL ENROLLMENT

Students must declare their intention to take dually enrolled courses during the schedule planning process in the spring of each school year. Dual enrollment in college under the State Aid Act states that a qualified student may be enrolled at Coldwater High School and in one or more college courses, with tuition and fees paid (the amount covered by the school is determined by the per-pupil amount of state aid provided to the school) by the district from state revenues for qualified courses if dual enrollment criteria are met. Both high school and college credit may be earned through dual enrollment. **If a student fails to complete or earn credit in a dual enrollment course, all costs associated with the course must be paid back to the school district.** Prior approval of the principal is required and strict registration deadlines apply for the various partnering Michigan institutions.

CREDIT / NO CREDIT GRADING POLICY

In order to obtain an objective evaluation of a special education student's performance in the regular education classroom, the special education designated caseload teacher will observe and monitor each student in a core curriculum class. After observance, the special education designated caseload teacher will discuss each student's progress and/or achievement with the regular education teacher regarding the appropriate grading system for that student. The regular education teacher, with input from the special education teacher, will then determine if the credit/no credit grading system would be applicable. The teacher may grade Foreign Exchange, Limited English, and Special Education students on a credit/no credit basis as determined. Final determination of grading practice will be made by the building principal. It is the caseload teacher's responsibility to initiate contact with the core curriculum teacher before the end of the first three weeks of each semester.

CHANGES IN SCHEDULES:

Because of the time spent to create a school-wide schedule based on the individual schedule preferences designated by students during the scheduling process, the allocation of funds that is prepared to support courses based on those preferences, and the planning for curricular development around course enrollment, students must understand that enrollment in full-year classes is intended for the entire year. Students will not be dropped from full-year classes unless they complete a drop course form and have prior consent of the teacher, then the counselor, the parent, and the principal. **Refusal of the parent or the principal will result in denial of permission to drop the class at the end of the current semester**

Any requested changes in class schedules must be made prior to the start of each semester. Students wishing to drop a class, after the start of each semester, may do so only if there are educationally sound reasons for the change and only with the permission of the principal. **In most circumstances, the class will be recorded, and tabulated in determining grade point averages as withdrawn failing.** Every student should work cooperatively with his or her teachers to complete the most rigorous and relevant curriculum available. Dropping a course because it seems hard is not a justified reason for not developing the skills necessary to compete in our global economy.

An attempt will be made to provide all students with the courses of their choice. However, students may not receive all of their first choices, and alternative choices will be used. Students will have an opportunity to view their schedules and meet with a counselor in August to discuss schedule concerns. The dates for this will be announced.

Schedule changes after a semester begins will be considered only for the following reasons:

1. Balancing class sizes.
2. Classes assigned that have been taken before.
3. Adjustments for seniors to meet graduation requirements.
4. Lack of student ability to perform satisfactorily in a course.
5. Others as deemed necessary by the principal.

All student initiated requests for changes after the deadline will require a parent-counselor conference.

BRANCH AREA CAREERS CENTER:

Coldwater High School juniors and seniors are considered for BACC enrollment. Programs are three periods, either in the AM or PM. Students make known their interest in BACC programs at enrollment time, receive BACC orientation materials, and are interviewed by BACC personnel. Coldwater High School staff, utilizing BACC recommendations, schedule students for BACC programs.

If you are interested in enrolling in any of the following Branch Area Careers Center programs; Computer Networking & Cyber-Security, Criminal Justice/Law Enforcement, Education Professions, EMT-Basic, Health Science Fundamentals, Health Science Fundamentals Hybrid, please note that you must complete a special program application which can be found on the BACC website at <http://branch-isd.org/bacc/enrollment-process>. Applications are required and will need to include a copy of your most recent transcript and EDP. Check with your high school counselor for the application process and submission.

GRADE LEVEL COURSE OFFERINGS for 2021-2022 Classes marked with an Asterisk (*) are NCAA Approved

Each A and B course listed is one semester in length. A student can earn 0.5 credit toward graduation by passing and earning credit in each course. The description and prerequisites for each course are found within this course description guide. Please use the course request form to request your classes for next year.

Courses for 2021 - 2022	Courses for 2021 - 2022
<u>ENGLISH COURSES</u> (Found on Pages 7-10)	<u>MATH COURSES</u> (Found on Pages 11-13)
*019014- 15 English 9A/B	*019226-27 Algebra 1A/1B
*019017-18 Hon English 9 A/B	*019236-37 Geometry A/ B
*019025-26 English 10 A/B	*019273-74 Honors Geometry A/B
*019027-28 Hon English 10 A/B	*019244-45 Algebra 2A/2B
*019055-56 English 11A/B	*019247-48 Honors Algebra 2A/2B
*019064-65 AP English 11 Language and Composition A/B	*019249-50 (FST) Functions, Statistics, & Trigonometry A/B
*019076-77 AP English 12 Literature A/B	*019241/42 Honors Pre Calc A/B
*019047-48 English 11-12A/B	*019252-53 AP Calculus A/B
019074-75 Cardinal Academy A/B	019255/56 Personal Finance A/B
019051-52 Yearbook A/B (Not ELA Graduation Credit Course)	
*019045-46 Journalism A/B (12 th Grade)	<u>SCIENCE COURSES</u> (Found on Pages 13-15)
*019038 Creative Writing 1 (11-12 grades) for NCAA you must	*019413-14 General Biology A/B
*019044 Creative Writing 2 (11-12 grades) take both CW classes	*019427-28 Hon Molecular Biology A/B
*019042 Introduction to College Writing (12 grade)	*019402-03 Physical Science A/B
*019049-50 Communications A/B (11-12 Grades)	*019429-30 AP Biology A/B
019066-67 Cardinal Academy Online A/B	*019431/019434 Anatomy A/B
	*019440-41 Honors Chemistry A/B
	*019435-36 AP Chemistry A/B
	*019438-39 Physics A/B
	*019446-47 AP Physics 1A/1B

ESL (Found on Pages 10-11)	INDUSTRIAL ARTS (Found on page 21)
019057-58 ELA A/B	019750 Industrial Tech/Woodworking 1 (class meets at LMS)
019059-60 ESL Beginner A/B	019751 Industrial Tech/Woodworking 2 (class meets at LMS)
019061-62 ESL 1A/1B	019752/53 Advanced Woodworking A/B (class meets at LMS)
019069/019071 ESL 2A/2B	
019097-98 System 44A/B	HEALTH & PHYSICAL EDUCATION (Pages 21-22)
019200/09199 Math Essentials A/B	019925 Health
019208/019209 Algebra Essentials A/B	019901 Phys Ed A
019231/32 Geometry Essentials A/B	019902 Phys Ed B
019369/019368 American History Essentials A/B	019931 Girl's Fitness and Wellness A
019371-72 World History Essentials A/B	019932 Girl's Fitness and Wellness B
019406/019409 Science Essentials A/B	019924 Weight Training A
	019927 Weight Training B
SOCIAL STUDIES COURSES (Found on Pages 15-17)	
*019318 US History	CAREER AND TECHNICAL EDUCATION (Pages 22-29)
*019320 Pre-AP US History (counts as Course #019355)	079T09 Automotive Technologies 1
*019321 Pre-AP European History	079T11 Automotive Technologies 2
*019326 World History A	079T17 Business, Management, Marketing & Technology 1
*019328 World History B	079T19 Business, Management, Marketing & Technology 2
*019358/59 AP European History A/B	079T25 Collision Repair & Coatings Technologies 1
*019353 The American Economy	079T27 Collision Repair & Coatings Technologies 2
*019355 Modern American History	079T93 Computer Networking/Cybersecurity 1 (app req.)
*019364-65 AP US History A/B	079T95 Computer Networking/Cybersecurity 2 (app req.)
*019340 US Government (Civics)	079T13 Construction Trades 1
*019345-46 AP US Government A/B	079T15 Construction Trades 2
*019342 Sociology	079T07 Cosmetology
*019349/019352 AP Psychology A/B	*079T31 Criminal Justice/Law Enforcement 1 (app req.)
*019357 Current Events	*079T33 Criminal Justice Alliance 2 (app req.)
	079T51 Culinary Arts & Hospitality Management 1
FOREIGN LANGUAGES (Found on Pages 17-18)	079T53 Culinary Arts & Hospitality Management 2
*019115-16 Spanish 1A/1B	079T39 Education Fundamentals (app req.)
*019125-26 Spanish 2A/2B	079T41 Education Academy (app req.)
*019135-36 Spanish 3A/3B	079T47 Electrical & Automation Engineering Technologies 1
*019137-38 Spanish 4A/4B	079T49 Electrical & Automation Engineering Technologies 2
	079T21 Engineering, CAD/CAM & Architecture 1
FINE ARTS/MUSIC (Found on Pages 18-21)	079T23 Engineering, CAD/CAM & Architecture 2
019513 Art I	079T03 Environmental & Agricultural Sciences 1
019514 Art II	079T05 Environmental & Agricultural Sciences 2 - CAPSTONE
019515 Art III	079T06 Environmental & Agricultural Sciences 2 - OJT Program
019516 Art IV	079T59 Health Science 1 Fundamentals (app req.)
019552 History of Film Music	079T100 Health Science 2 Fundamental Hybrid (app req.)
019554 History of Rock and Roll	079T99 Health Academy (app req.)
019555 Digital Music	079T60 Medical Certifications
019559 Guitar 1	079T61 Health Practicum (app req.)
019560 Guitar 2	079T62 Health Science OJT Program
019561 Cardinal Choir (Audition Required)	079T83 Welding Engineering Technologies 1
019566 Bella Voce (Treble Choir)	079T85 Welding Engineering Technologies 2
019582 Marching Band	
019585 Color Guard (Audition Required)	
019574 Concert Band B	
019587 Symphonic Band B (Audition Required)	

2021-2022 Coldwater High School Course Description (by department)

The courses are listed by departments in an order that follows a typical yearly progression. Most courses listed as “A/B” are intended to be taken together with the “A” sections taken in the 1st semester and the “B” sections typically taken in the 2nd semester. Some departments have specific directions and recommendations, which are listed in the introduction of each section that should be followed by students. Please note that the first three digits of the course have been left off but every course starts with the numbers “**019**”

ENGLISH PROGRAM – 4 credits required to earn a diploma

The 9-12 English curriculum is coordinated with the Legg Middle School to ensure the students a well-balanced program in language skills. The required ninth, tenth, eleventh, and twelfth grade courses address reading, writing, speaking, listening, and viewing skills. Some electives are available for upperclassmen; it is recommended that the student choose those electives that will be useful for his/her future career plans.

014-015 ENGLISH 9 A/B

2 Semesters 1 credit

The goal of English 9 is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English 9, students will survey the various genres of classic and contemporary, narrative and informational texts that will be read and analyzed throughout high school including novels, short stories, plays, poetry, and nonfiction texts. Students will also continue to refine their writing skills in various genres, although heavy emphasis is placed on argumentative writing.

017-018 HONORS ENGLISH 9 A/B

2 Semesters 1 credit

Honors English 9 will address the same goals as English 9 at a faster pace and with additional texts and projects. Students who take this class must be accelerated readers, organized, able to discuss and work with peers, expect a great deal of writing in many genres, and be recommended by their 8th grade English teachers.

025-026 ENGLISH 10 A/B

2 Semesters 1 credit

Prerequisite: Successful completion of English 9.

In English 10, students will add to their readings of various genres, including classic and contemporary narrative, such as *The Crucible*, *Of Mice and Men*, *The Catcher in the Rye*, and *The Adventures of Huckleberry Finn*, and informational texts. Significant themes in American literature will be explored as students learn to evaluate texts for validity and quality. Writing more complex papers, particularly argumentative and reflective writing, vocabulary study, research, and group presentations will be a significant part of the class.

027-028 HONORS ENGLISH 10 A/B

2 Semesters 1 credit

Honors English 10 is a challenging, fast paced English course designed as a successor to Honors English 9. Students will be reading, analyzing, and interpreting literature that includes classic and contemporary novels, such as *The Crucible*, *Of Mice and Men*, *The Catcher in the Rye*, *A Raisin in the Sun*, *Tuesdays with Morrie*, and *The Adventures of Huckleberry Finn*, in addition to poetry and non-fiction. Students should expect a great deal of reading and various modes of writing. Group work, vocabulary, and grammar study will also play a key role. Students should be strong readers and writers and will need the approval of their English teacher to enroll in the course

Students must pass Honors English 9 with a grade of B- or higher.

055-056 ENGLISH 11 A/B**2 Semesters 1 credit****Prerequisite: Successful completion of English 9 & 10.**

English 11 requires students to read and analyze a variety of complex contemporary and classical texts, including such titles as *The Glass Castle*, *Night*, *The Strange Case of Dr. Jekyll and Mr. Hyde*, and *Hamlet*. Students will also write increasingly sophisticated essays (especially argumentative and narrative) and a major research paper will be required. Special attention will be given to preparation for the Michigan Merit and SAT tests given in the spring, including vocabulary and grammar work. Late in the year, students will create a portfolio which includes a resume and college application essay.

064-065 ADVANCED PLACEMENT ENGLISH 11 LANGUAGE and COMPOSITION A/B

Grade 11

2 Semesters 1 credit

This year long course of intensive writing and non-fiction reading is designed to prepare students for college level writing as well as successful completion of the AP Language and Composition test given in the spring. Students will study the art of rhetoric by analyzing professional essays and composing their own in a wide variety of forms (rhetorical analysis, synthesis, and argumentative) on a variety of subjects (social justice, equality, environment, politics, community, etc.). There are four to six whole class novels that may be read throughout the year. These titles include *Just Mercy: A Story of Justice and Redemption*, *I am Malala: The Girl Who Stood Up for Education and Was Shot By the Taliban*, *The Glass Castle*, and *Night*. A great deal of reading and writing will be required outside of class. This class is well-suited to preparing students for the SAT test and college writing classes. Successful completion of the AP exam allows for students to receive English credit at many universities. **Registration is open to juniors who have passed Honors English 10 with a grade of B- or higher or who have a teacher recommendation and department approval. (Students who enroll in AP English A must enroll in AP English B as well.)**

076-077 ADVANCED PLACEMENT ENGLISH 12 LITERATURE A/B

Grade 12

2 Semesters 1 credit

Advanced Placement English is a college freshman level program in the study of American and British literature and includes literary analysis and evaluation in composition form. It is designed for the advanced level student who has shown proficiency in interpretation and writing skills in previous English courses. The course requires an extensive amount of reading and writing for which time outside class will be necessary. The course is taught with the goal of successful completion of the A.P. English Literature Exam given in May of each school year. Successful completion of the A.P. Exam allows for a student to receive up to one year of English credit at more than 800 colleges and universities throughout the country, the equivalent of a scholarship worth several hundreds of dollars. **(Students who enroll in AP English Literature A must enroll in AP English Literature B as well.)**

047-048 ENGLISH 11-12 A/B (Students must be approved for placement into these courses)

English 11-12 is a year-long course designed around the teaching standards taught in the 11th and 12th grade.

Students placed into this course will most likely take it for two years and earn their final two English credits toward graduation.

074-075 CARDINAL ACADEMY A/B (Students must be approved for placement into these courses)

Cardinal Academy is a course designed to provide students placed into the course, additional learning supports for their current classes. The support course is an elective credit.

066-067 CARDINAL ACADEMY ONLINE A/B (Students must be approved for placement into this course)

Cardinal Academy Online is a specialized course designed to offer additional learning supports to alternative students for credit recovery/online for CHS students. This will be an additional hour that is available/required for High School Completion Students. When the student completes their online course they will receive the online credit.

051-052 YEARBOOK A/B**2 Semesters 1 credit**

Yearbook is an elective course (not counted as 1 of the 4 required ELA credits) for all students who are interested in developing their digital media skills, which include writing, editing, photography, art, videography, and desktop publishing. Students in this class learn graphic design, photo composition and editing, journalistic writing, desktop publishing, business as well as learning to best practice methods of communicating a message. Class members are active participants in the creation of the CARDINAL yearbook, the CHS MIRROR, and various video productions for publication. Students are required to sell advertisements, meet deadlines, and attend school events outside the school day. The second semester of the class allows students to do focused work on a specific area of the class.

Students should be self-motivated, creative, and be able to stay on task. The class is open to sophomores, juniors, and seniors who have at least a 3.0 GPA. Students who enroll in Yearbook should choose both Yearbook A and Yearbook B

The following English courses are semester courses taken typically by 11th and 12th grade students as part of their fourth English credit.

045-046 JOURNALISM A/B

Grade 12

2 Semesters 1.0 credit

Seniors students will research and analyze current events and make state, national, and international issues relevant to the student body in news, feature and opinion pieces. Students will take part in the publication process as they produce and edit content in multimedia and written formats for publication on the CHS Mirror and in the school yearbook on issues that serve the CHS community. Students will practice different journalistic writing styles, photography and basic graphic design while learning about, analyzing, and upholding journalism ethics. Seniors will also be expected to serve as leaders, organizers, spokespersons, and/or editors of the CHS Yearbook as decided by individual interests and abilities.

038 CREATIVE WRITING 1 Grades 11 – 12**1 Semester .5 credit**

This course is designed for the student who has a strong desire to develop his/her writing skills. A desire to write is necessary for selecting this course as students will be writing every day. There will be a comprehensive study of various writing techniques. Papers will concentrate on description, interpretation, analysis, monologues /dialogues, poetry, imagination, and exploration. Various observational and writing techniques will be introduced for the purpose of achieving each student's best written work. *A final portfolio will be required.*

044 CREATIVE WRITING 2 Grade 11 - 12**1 Semester .5 credit**

Prerequisite "C" or better grade in Creative Writing A and teacher recommendation. This course is for those students who wish to continue the development of their creative writing talents. There will be two group projects: A puppet show and a one act play. Individually, each student will write a short story and a ballad. The one act play will be submitted to Tibbits Opera Foundation for review and possible acceptance in the young writer's program. Other projects may be considered based on student interest and individual talent.

042 INTRODUCTION TO COLLEGE WRITING Grade 12**1 Semester .5 credit**

Introduction to college writing is a course designed to help scaffold students' writing skills so that they may be career-college ready. Students will learn several techniques and strategies to develop their writing stamina, writing process skills, and research skills through conferencing, peer editing, and reading mentor texts. Students should expect to write several expository essays—including, but not limited to, rhetorical analysis, research, and scholarship writing—to practice and apply the above skills and strategies. Various areas of writing will be refined based on the needs of the students.

049-050 COMMUNICATIONS A/B Grades 11 – 12**2 Semesters 1.0 credit**

Communications is a course designed for students who would like to learn about group communication and interpersonal communication. Chief emphasis will be placed on the following: Purposes of groups, roles in groups, leadership styles, decision-making processes, interpersonal relationships, group norms, problem-solving process, and behaviors that enhance a group's success.

ESL COURSE SELECTIONS**(Students are placed into these courses based on their level of English proficiency)****057-058 ELA A/B (Students are placed into these courses)****2 semesters**

The purpose of the **English Language Acquisition (ELA) course** is for the English Language Learner (ELL) students who are at the lower levels of language proficiency, to acquire the English language. This course focuses on the four domains of listening, speaking, reading, and writing in English, which is tested in the WIDA assessment. Students will acquire Basic English skills to help them to function in an English speaking community. They will practice conversational English and learn socially and culturally acceptable behaviors. Basic reading and writing skills will be identified. An emphasis is placed upon reading comprehension and a student's ability to evaluate current instructional level appropriate texts.

059-060 ESL BEGINNER A/B (Students are placed into these courses)**2 Semesters**

The purpose of this class is for LEP (Limited English Proficient) students to acquire the English language. This course focuses on the four domains of listening, speaking, reading, and writing in English. Students will acquire Basic English skills to help them to function in an English speaking community. They will practice conversational English and learn socially and culturally acceptable behaviors. Basic reading and writing structures will be identified.

061-062 ESL 1 A/B (Students are placed into these courses)**2 Semesters**

The purpose of this class is for LEP (Limited English Proficient) students to continue to acquire the English language and to support the efforts of students who have progressed into the Essentials of Math and Essentials of Science courses working with applications of the English language in those particular courses.

069-071 ESL 2 A/B (Students are placed into these courses)**2 Semesters**

This course addresses the academic needs of our WIDA Level 2-3 LEP students, and students earn one whole English credit by taking this class. The course focuses on reading, writing, and academic strategies that will help the LEP students to succeed in their general education classes. An emphasis is placed upon reading comprehension and a student's ability to evaluate grade-level appropriate novels. During this class students learn to develop their writing into organized and clear paragraphs with topic sentences and an attention to grammar. Common academic vocabulary is addressed to help LEP students to be successful in their general education courses.

097-098 SYSTEM 44 A/B (Students are placed into these courses)**2 Semesters**

The goal of this course is to provide WIDA Level 2-4 LEP students with an additional class in which they can earn English credit by working through the System 44 Next Generation program. Weekly activities in this class include: students read System 44 books independently, students work on speaking and writing comprehension activities for each book, students take weekly comprehension quizzes for each book, students are assigned to small reading intervention groups, and students independently work through the System 44 word work and vocabulary levels. This class is typically taken by WIDA Level 2-4 LEP students.

200 and 199 MATH ESSENTIALS A/B (Students are placed into these courses) 2 Semesters

This course is a prerequisite for ELL students who will be transitioning into the algebra course at CHS. The class focuses on academic vocabulary and concepts of number sense, basic calculations, and the use of variables, graphing, and equation solving. This class is typically taken by WIDA Level 1-2 LEP students.

208-209 ALGEBRA ESSENTIALS A/B (Students are placed into these courses) 2 Semesters

Prerequisite: Successful completion of Math Essentials or placement based on English proficiency. The class focuses on academic vocabulary and concepts of algebra. The content of this course is drawn from the benchmarks for Algebra required by the Michigan Merit Curriculum, and students earn their Algebra credit by taking this course. This class is typically taken by WIDA Level 2-3 LEP students.

231-232 GEOMETRY ESSENTIALS A/B (Students are placed into these courses) 2 Semesters

Prerequisite: Successful completion of Algebra 1 Essentials or placement based on English proficiency. The class focuses on academic vocabulary and concepts of Geometry. The content of this course is drawn from the benchmarks for Geometry required by the Michigan Merit Curriculum, and students earn their Geometry credit by taking this course. This class is typically taken by WIDA Level 2-3-4 LEP students.

369-368 AMERICAN HISTORY ESSENTIALS A/B (Students are placed into these courses) 2 Semesters

The goal of this course is to provide students developing their English language skills with basic understanding of the values and history of the United States, and students earn one whole credit of U.S. History by taking this class.

The content of this course is drawn from the benchmarks for United States history required by the Michigan Merit Curriculum. This class is typically taken by WIDA Level 2-3 LEP students.

371-372 WORLD HISTORY ESSENTIALS A/B (Students are placed into these courses) 2 Semesters

Prerequisite: Successful completion of American History Essentials or placement based on English proficiency. The goal of this course is to provide students developing their English language skills with basic understanding of the values and history of the world, and students earn one whole credit of World History by taking this class. The content of this course is drawn from the benchmarks for World history required by the Michigan Merit Curriculum. This class is typically taken by WIDA Level 3-4 LEP students.

406 and 409 SCIENCE ESSENTIALS A/B (Students are placed into these courses) 2 Semesters

This course is a prerequisite for ELL students who will need to take high school science courses. The class focuses on academic science vocabulary and ideas that will help to generate background knowledge about science. The students will learn about the major science concepts and accompanying vocabulary in English to assist in their transition to general education courses. This class is typically taken by WIDA Level 1-2 LEP students.

MATHEMATICS– 4 credits required to earn a diploma

Students must earn four Math credits which must include Algebra 1, Geometry, and Algebra 2. Students must also earn a math related credit in their senior year. Students should enroll in the next level of math course as determined by their current level of math course.

226-227 ALGEBRA 1 A/B Grades 9-12 2 Semesters 1 credit

This course introduces the fundamental algebraic ideas necessary for higher level mathematics at Coldwater High School. Concepts such as solving and graphing linear equations and inequalities, solving systems of equations, factoring and polynomial operations are presented and reinforced in this class. This foundation is essential for success at the next levels of mathematics. **Next Course in sequence is Geometry.**

236-237 GEOMETRY A/B Grades 9-12**2 Semesters 1 credit****Prerequisite: Algebra**

This course integrates algebra with geometry. Many state standards are covered to prepare for the Algebra 2 curriculum and the SAT. Topics include perimeter, area, volume, right triangles, trigonometry, similarity and special properties of polygons and parallel lines. **Next Course in sequence is Algebra 2.**

273-274 HONORS GEOMETRY A/ B Grades 9-10**2 Semesters 1 credit**

This course integrates algebra with geometry. Many state standards are covered to prepare for the Algebra II curriculum and the SAT. Topics include perimeter, area, volume, right triangles, trigonometry, similarity and special properties of polygons and parallel lines. This course is designed to expand the students' knowledge to application of the concepts. Students can expect multi-level problems and higher order thinking skills to prepare them for Honors Algebra 2. **Next Course in sequence is Honors Algebra 2.**

244-245 ALGEBRA 2 A/B Grades 9-12**2 Semesters 1 credit****Prerequisite: Geometry**

This class will review Algebraic concepts necessary for the SAT test. We will also begin to learn new topics and delve deeper into standards previously taught. With the content provided, any student successfully completing this class will be prepared for College level Algebra. Graphing calculators are necessary (TI-83 or 84 recommended.) **Next Course in sequence is Functions, Statistics and Trigonometry.**

247-248 HONORS ALGEBRA 2 A/B Grades 10-11**2 Semesters 1 credit**

This class will review Algebraic concepts necessary for the SAT test. We will also begin to learn new topics and delve deeper into standards previously taught. Students will use higher order thinking skills to apply content to real world situations. With the content provided, any student successfully completing this class will be prepared for College level Algebra. This class is designed for the advanced mathematics student who has an interest in mathematics based careers or requires higher order mathematics for career goals. Graphing calculators are necessary (TI-83 or 84 recommended.) **Next Course in sequence is Honors Pre-Calculus/FST.**

249-250 FUNCTIONS, STATISTICS AND TRIGONOMETRY (FST) A/B Grade 12**Prerequisite: Algebra 2****2 Semesters 1 credit**

This course is designed for college bound seniors who are not going to be required to take a mathematics heavy curriculum in college. It provides a good review and expansion of knowledge to prepare a senior for success in a College Algebra course. Topics include understanding the nature of statistics and how they apply to real world situations and understanding polynomial and trigonometric functions, their graphs, equations and identities. This course includes the typical Trigonometry course objectives. Graphing calculators are necessary (TI-83 or TI-84 is recommended)

241-242 HONORS PRE-CALCULUS A/B Grades 10-11 **2 Semesters 1 credit****Prerequisite: Honors Algebra 2**

This course is designed to prepare a sophomore or junior for success in Advanced Placement Calculus. Topics include understanding the nature of polynomial and trigonometric functions, their graphs and equations. This course includes the typical Trigonometry course objectives. Graphing calculators are necessary (TI-83 or TI-84 is recommended). **Next Course in sequence is Advanced Placement Calculus.**

252-253 ADVANCED PLACEMENT CALCULUS A/B Grades 11-12 **2 Semesters** **1 credit**

Prerequisite: Honors Pre-Calculus and/or teacher or counselor approval

A.P. Calculus is designed as a year-long course. It is a college level course in calculus designed to advance students through the first semester calculus at any university level institution. A graphing calculator is required. (TI 83 or TI 84 is recommended.) **(Students who enroll in AP Calculus A must enroll in AP Calculus B as well.)**

255 PERSONAL FINANCE A Grade 12 **1 Semester** **.5 credit**

Prerequisite: 12th grade student

This course satisfies the current and future Michigan Merit Curriculum. It is designed for seniors to explore topics that they will face in the real world. Topics covered include: career decisions, job applications, resumes, financing college, interviewing skills, understanding your paycheck, budgeting, investing, saving, bank accounts, sales tax, coupons, and how interest affects your finances.

256 PERSONAL FINANCE B Grade 12 **1 Semester** **.5 credit**

Prerequisite: 12th grade student

Want to be wealthy? This class won't guarantee wealth, but it will help you learn what factors affect wealth and how to make better decisions in regard to finances. Topics covered include: decision making, state and federal taxes, credit, loans, buying major purchases, insurance, and protection from scams and schemes as a consumer. Students will also learn Dave Ramsey's course Foundations of Personal Finance.

SCIENCE – 3 credits required to earn a diploma

All students wishing to earn a diploma must earn a full credit in Biology and a full credit in at least one of the following courses: Physical Science, Physics, Chemistry, Anatomy, or by completing the Agri-Science program at the BACC. Students should enroll in a science course based on the courses they have already completed and as determined by their individual career, skill development, or educational plans.

At a minimum, as part of a well-rounded science education, it is recommended that students take Biology in the 9th grade, Physical Science in 10th grade, and then Chemistry or Physics as an 11th or 12th grade student.

BACC students may waive their 3rd required science coursework with the successful completion of any CTE program but must plan carefully with their counselor to make sure all graduation requirements are met. It is still recommended that students who plan to attend the BACC take the minimum following courses: Biology in the 9th grade, Physical Science in 10th grade, and then Chemistry or Physics as an 11th or 12th grade student. Anatomy can be taken as an elective at any time after completion of General Biology.

Students who are pursuing advanced placement courses, the following course flow is recommended: Honors Molecular Biology as a 9th grader, Honors Chemistry and AP Biology as a 10th grader, AP Physics as an 11th grader, and AP Chemistry as a 12th grader. Anatomy can be taken as an elective at any time after completion of Honors Molecular Biology.

413–414 GENERAL BIOLOGY Grades 9-10 **2 semesters** **1 credit**

Pre-requisite: none

This Biology course is a general biology course for all students designed to meet the credit requirements of the Michigan Merit Curriculum. This course focuses on the organization and development of living systems, as well as some of the basic processes of biological organisms. The second semester of this course focuses on genetics, evolution, and biodiversity. A short review of the interdependence of living systems and the environment is also included.

402–403 PHYSICAL SCIENCE Grade 10-12 **2 semesters 1 credit**

Pre-requisite: Successful completion of General Biology

This is an inquiry based integrated chemistry and physics course where students will investigate the basic principles of chemistry and physics and how they apply to the world around them. Hands-on activities, labs, projects, and group work will be designed to meet the requirements and learning approach of the Next Generation Science Standards. This course is highly recommended for students who may not intend to take the Chemistry or Physics courses at CHS. Students will need a scientific calculator such as a TI-30XIIS

427-428 HONORS MOLECULAR BIOLOGY A/B Grade 9

Pre-requisite: Teacher recommendation and PSAT test results **2 Semesters 1 credit**

Honors Molecular Biology is a biology course for students with higher level science and math skills. This course includes explanations of the biochemical aspects of the cell. Emphasis will be on organization and development of living systems, genetics, evolution, natural selection and ecology. This course is designed to prepare students for AP Biology and college level science courses.

429-430 ADVANCED PLACEMENT BIOLOGY A/B Grades 10-12 **2 Semesters 1 Credit**

Pre-requisite: Successful completion of General Biology or Honors Molecular Biology

This course is designed to prepare students for success on the AP Biology exam. Honors Biology topics are expanded including an in depth study of photosynthesis, cellular respiration, genetics, and cellular functions. It is recommended for students planning to pursue careers in biological sciences, biomedical engineering or one of the various degrees in medicine. **(Students who enroll in AP Biology A must enroll in AP Biology B as well.)**

431-434 ANATOMY A/B Grades 10-12

2 Semesters 1 credit

Pre-Requisite: successful completion of Biology.

Anatomy is a year-long course designed to prepare students for a career in the health science field, as well as provide students a basic understanding of human anatomy and physiology. The course fulfills a science credit as required by the state of Michigan. An in depth study of the form, arrangement, and function of the human body will be conducted. Each of the following systems is studied in detail: skeletal, muscular, nervous, digestive, respiratory, cardiovascular, and urinary. Additionally, special facts concerning diseases and disorders are covered, providing a knowledge that is applicable to daily life. The class is laboratory intensive and dissection is used as a supplemental tool for the understanding of Anatomy. Various specimens are used to demonstrate the human body on a smaller scale. Organs and tissues are viewed and dissected so students have an accurate idea of the texture, shape, and arrangement of the organs and tissues within the body.

440-441 HONORS CHEMISTRY A/B Grades 10-11 **2Semesters 1credit**

Pre-Requisite: successful completion of Molecular Biology, concurrent Geometry, Biology teacher recommendation. (Students who enroll in Honors Chemistry A must enroll in Honors Chemistry B as well.)

Honors Chemistry is a chemistry course for students with higher level science and math skills. It is designed to meet the requirements of the Next Generation Science Standards (NGSS). Additional topics to prepare students for AP Chemistry include the following: Lewis diagrams, molecular geometry, RedOx, quantum numbers, and introductory kinetics and equilibrium. *(At least a TI-34 calculator is needed; TI-84 graphing calculator is recommended).* The course is designed to prepare students for AP Chemistry and college level science courses. **Students enrolling in Honors Chemistry should plan to enroll in a physics course the following year in order to be prepared for the new state assessment.**

435-436 AP CHEMISTRY A/B Grades 11-12 **2 Semesters 1 credit**

Pre-Requisite: successful completion of Molecular Biology, recommended successful completion of Honors Chemistry, concurrent Algebra II, Biology teacher recommendation. (Students who enroll in AP Chemistry A must enroll in AP Chemistry B as well.)

This course is designed to prepare students for success on the AP Chemistry Exam. Chemistry A and B topics are expanded including an in-depth study of equilibrium and solutions. It is recommended for students planning to pursue careers in high-level science, engineering, and medicine. *A TI-84 calculator is required.*

438-439 PHYSICS A/B Grades 10-12 **2 Semesters 1 credit**

Prerequisite: Successful Completion of Biology and Geometry

Physics is recommended for the junior year but can be taken at any point after successfully completing Biology. This is a basic physics course covering wave motion, forces and motion, electromagnetic spectrum, electricity and magnetism, momentum, mechanical energy, and nuclear physics. The course will reinforce students' understanding of content expectations as outlined in the MMC. Math skills and graphing skills are reinforced. *(TI-34 or TI-84 graphing calculator is recommended).*

446-447 AP PHYSICS 1 A/B: Grades 11-12 **2 Semesters 1 credit**

Prerequisite: Algebra IIB (may be taken concurrently), and a recommendation from their previous science teacher.

This course is designed to prepare students for success on the AP Physics 1 Exam. Topics covered include motion, force, momentum, gravitation, energy, waves, sound, and electricity. Problem solving and logical thinking are emphasized. At least 25% of the course is spent in the Lab setting and laboratory work plays an important role in the instructional design and learning activities. It is strongly recommended for students planning to pursue high-level careers in science, engineering, and medicine. *A graphing calculator (TI-84) is required. (Students who enroll in AP Physics 1A must enroll in AP Physics 1B as well.)*

SOCIAL STUDIES – 3 credits required to earn a diploma

All students must earn credit in US History, World History A&B, Modern American History, The American Economy, and US Government. Students can take AP European History (10th grade) in place of the World History courses, AP US History (11th grade) in place of American Themes, and AP US Government in place of the required Government course. Please remember that all AP courses are **year-long** courses.

318 US HISTORY **1 Semester .5 credit**

Enrollment in the US History course (or Pre-AP US History) is required of all 9th graders. The course will take a look at how America developed in the early 20th century. Among the topics to be studied are Industrialization, Urbanization and WWI.

320 Pre-AP US HISTORY **1 Semester .5 credit**

Prerequisites – An A/B average in 8th grade American History and 8th grade English and/or Teacher Recommendation will be required.

This is a course designed for the college-bound student. Course requirements will be more demanding than the general 9th grade class. **The course covers content similar to Modern American History** taking a much more in depth look at how America developed in the 20th century and will entail more reading and writing assignments focusing on the historical perspective. Among the topics to be studied are Cold War policies, the Vietnam War, and the Civil Rights Movement. Students taking this course should also enroll in PRE-AP European History (course number 019321). **Students taking this course in 9th grade and not continuing in the AP course track will be required to take course number 019318 (US History) instead of the Modern American History course.**

321 Pre-AP EUROPEAN HISTORY**1 Semester .5 credit**

This class is designed for students who are intending to take AP European history their sophomore year. The course will provide an in depth examination of the Middle Ages and the Renaissance and Reformation. The course will also provide an introduction to AP course questions, writing, and discussion over these time periods in European History. Students taking this course should also enroll in Honors American History (course number 019320)

326 WORLD HISTORY A**1 Semester .5 credit**

World History A is a general overview of geography and history after the European middle ages through the European Industrial Revolution.

328 WORLD HISTORY B**1 Semester .5 credit**

World History B is a general overview of our modern world from both a foreign and American point of view.

358-359 AP EUROPEAN HISTORY A/ B Grade 10 2 Semesters 1 credit**Prerequisites – A B+ average in 9th grade American History and/or Teacher Recommendation.**

This is a yearlong course designed for students who want to attempt to earn college credit for taking this course. The course will follow the AP curriculum, beginning with the Renaissance and going through modern times. In addition to AP and MME test performance, college reading, writing, and study skills should be enhanced through this course. **(Students who enroll in AP European History A must enroll in AP European History B as well.)**

353 THE AMERICAN ECONOMY (Typically Grade 11-12)**1 Semester .5 credit**

This course is designed to be accessible to all students, and is to help them understand the basic economic issues our society faces. The course will examine major economic concepts, and how those concepts have applied to the history of the United States. This course should be taken in the normal progression typically in the junior or senior year and after taking Modern American History.

355 MODERN AMERICAN HISTORY**1 Semester .5 credit****(Typically Grade 10 in conjunction with World History B)**

This course is designed to be accessible to all students, and is to help them understand the basic political and social issues our society faces. Among the topics to be studied are WWII, Cold War policies, racial matters, and the governmental crises created by Vietnam and Watergate. This course should be taken in the normal progression typically in the sophomore or junior year in conjunction with World History B.

364-365 ADVANCED PLACEMENT U.S. HISTORY A/B Grade 11**2 Semesters 1 credit****Prerequisites: Grade of 'B' or higher in AP European History, or teacher recommendation.**

This is a yearlong course designed for students interested in taking the AP US History test in an attempt to earn college credit. The course will be designed to help students perform on that test, as well as the MME. The pace of this course will be accelerated in order to meet the demands of the AP test. Substantial amounts of reading and writing will be required. In addition to AP and MME test performance, college reading, writing, and study skills should be enhanced through this course. This is the highest level United States History course that is offered. **(Students who enroll in AP US History A must enroll in AP US History B as well.)**

340 GOVERNMENT/CIVICS 12**1 Semester .5 credit**

This class is a general overview of federal, state, and local government in America including a detailed study of the Constitution and the three branches of government.

345-346 AP U.S. GOVERNMENT A/B Grade 12 **2 Semesters 1 credit**

This course is targeted for college-bound students who are extremely interested in the United States political system and comparative world political systems. College level reading load, good verbal skills, and individual research are expectations in this class. Students enrolled in this course will also participate in the “We the People” State of Michigan competition in Lansing in January of the school year and may have the opportunity to participate in the national competitions later in Washington D.C. Students enrolled will have the opportunity to take the Advanced Placement United States Government and Politics Exam in May. **(Students who enroll in AP Government A must enroll in AP Government B as well.)**

342 SOCIOLOGY Grades 11-12 **1 Semester .5 credit**

Sociology is an elective social studies course. This course will give students an introduction to the study of groups of people in society; focus will include areas such as cultural norms and values and the institution of family. Students will be expected to participate in individual and small group activities; research and present information using a variety of sources; complete a variety of written assignments and oral presentations.

349-352 ADVANCED PLACEMENT PSYCHOLOGY A/B Grades 11-12 **2 Semesters 1 credit**

This course is designed to give the college-bound student an introductory course in psychology. A variety of areas will be studied including personality, learning, brain and behavior, mental health, and mental disorders. Emphasis will be placed on self-understanding. Psychological tests and experiments will be used. This course is designed for above-average students and also serves as a primer for the A.P. Psychology exam given in May. **(Students who enroll in AP Psychology A must sign up for AP PSYCHOLOGY B as well)**

357 CURRENT EVENTS Grades 10-12 **1 Semester .5 credit**

Current Events is an elective social studies course. The course is designed as an opportunity for students to explore issues that are relevant in their lives. It can also be seen as a venue to teach students about the world around them and to provide a way for students to be exposed to current social issues. Students will be expected to participate in individual and small group activities; research and present information using a variety of sources; complete a variety of written assignments and oral presentations.

FOREIGN LANGUAGE

The State of Michigan requires that all students earn two full credits in the same language or have the ability to demonstrate a 2-year proficiency level. The Spanish Language Proficiency Assessment will be taken by all students while enrolled in the Spanish 1 class offered at LMS and CHS. By successfully passing the assessment at 80% the students will have earned their Michigan World Language High School graduation requirement. By demonstrating the required proficiency level, a student will meet the graduation requirement but will not earn extra credits in the world language. Meeting the World Language Proficiency requirement is separate from earning class credits and will be deemed as such on a student’s transcript.

Students demonstrating the required level of proficiency will have the *option* to continue further in the Spanish curriculum. Students who do not demonstrate the required level of proficiency must continue in Spanish 1.

Students who demonstrate proficiency on the Spanish Language Proficiency Test in Spanish 1 *and* pre-tests in Spanish 2 will be *promoted* to the higher level Spanish 3-4 classes that are more suited to their language ability.

115-116 SPANISH 1 A/B **2 Semesters 1 credit**

Grades 9-12

Spanish I will provide students the opportunity to learn the basics of the Spanish language. As in learning any foreign language, students will be exposed to Spanish through reading, writing, listening, and speaking activities throughout this course. *Participation in all areas is expected in order to achieve the best results in becoming a better foreign language student.*

125-126 SPANISH 2 A/B**2 Semesters 1 credit**

Grades 9-12

Prerequisite: Successful completion of Spanish 1 and the Spanish Proficiency Assessment. Spanish II will provide students the opportunity to build upon the basics of the Spanish language and practice grammar structures more closely, as the student's primary text will focus solely on Spanish verb tenses. As in learning any foreign language, students will be exposed to Spanish mainly through reading and writing; however, listening and speaking activities are also offered throughout this course. As in level I, *participation in all areas is expected in order to achieve the best results in becoming a better foreign language student.*

135-136 SPANISH 3 A/B**2 Semesters 1 credit**

Grades 10-12

Spanish 3 students will build upon the basics learned in Spanish 2. An emphasis will be put upon reading and writing in the Spanish language. Students will be expected to read a text in Spanish and compose short essays. Students will continue learning vocabulary and master more verb tenses and grammatical structures.

137-138 SPANISH 4 A/B**2 Semesters 1 credit**

Spanish 4 students will learn advanced grammar and writing strategies in Spanish. We will continue to learn new vocabulary and grammatical structures. Students will be expected to read a novel in Spanish and discuss it. Students will be expected to perform at a pre-advanced level.

FINE ARTS

Students need to have at least 1.0 credit in the Visual Performing Arts (VPA) in order to earn a diploma – this graduation requirement can also be met by attending any program at the BACC.

ART

The Arts program is entirely a sequenced area. Each class is a stepping-stone for the other artistic endeavors. In order for the student to make maximum use of this experience, he/she must be thoroughly committed to his work. **Students should not elect more than one art class a semester,** unless special permission is given. Homework is required for all classes.

513 ART I**1 Semester .5 credit**

Art I is a one-semester course where students will gain an understanding of the elements principles of design.

Students will focus primarily on strengthening and developing drawing and sculpting skills through exposure to various media and techniques. Some techniques explored will be life drawing, landscape and perspective drawing, additive and subtractive sculpture. Color theory, painting and art history will also be introduced.

514 ART II**1 Semester .5 credit**

Prerequisites: Passing grade in ART I or discretion of teacher

Art II will continue to build on the students' understanding of the elements and principles of art while strengthening their drawing, sculpting, painting and compositional skills through a more in depth exploration of various art media and implementation of advanced techniques. Students will integrate art historical styles into their studio work with an emphasis on exploring the works of various cultures as well as individual artists.

515 ART III Grades 11-12**1 Semester .5 credit**

Prerequisites: Passing ART I and ART II with at least a grade of C or discretion of teacher

Art III is a one-semester junior or senior level course. Students will continue their studies of sculpture, drawing and painting with an emphasis on acquiring technical expertise and developing personal style. Students will engage in significant art historical research and apply their research to their studio approaches. Major works completed this semester may serve as a basis for student portfolios for review for entry into Art IV.

516 ART IV Grade 11-12**1 Semester .5 credit****Prerequisites: Passing grade in ART I, ART II and ART III with Studio Portfolio Review the Prior Semester and Instructor's approval.**

Art IV is designed for the serious senior level art student planning to further his/her education after high school in the area of Art. This course allows the student to work individually in selected media to develop personal style while completing a series of theme related works. Emphasis is on preparing student portfolios for submission to colleges and art schools.

MUSIC**552 HISTORY OF FILM MUSIC** Grades 9-12**1 Semester .5 credit**

Do you love movies? Do you love music? This is the class for you! Throughout the semester, we will explore the relationship that exists between movies and soundtracks as they have evolved over the last 100 years. We will listen to a lot of music, and watch many movie clips/films. No previous music experience is necessary to enjoy and learn in the exploration of music and movies of the last century!

554 HISTORY OF ROCK AND ROLL Grades 9-12**1 Semester .5 credit**

This upbeat course will start where Rock and Roll began, and take you all the way to present day music. You will also learn about how historical events and the popular music of the time affected on another.

555 DIGITAL MUSIC Grades 9-12**1 Semester .5 credit**

Digital Music is a course for any student with an interest in music technology. The course will allow students to use several types of music technology to compose music and create music projects. Digital Music class will use a variety of different music technology platforms. Interested students should be familiar with working with computers. A background in music is not necessary, but will be helpful as progress is made through the course. By the end of the semester, students will have composed several pieces of music, and gained familiarity with a wide variety of different music software. A good pair of headphones and a flash drive are highly recommended.

559 GUITAR 1 Grade 9-12**1 Semester .5 credit**

Guitar 1 is for students with little or no previous guitar experience. Students will receive instruction related to playing the guitar on a beginning level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include: posture, building dexterity, reading tablature, learning chords, and proper technique. We will also be focusing on popular strumming patterns, riffs, solo techniques and strategies, and scales. Guitar 1 students will learn a variety of different songs spanning across several musical genres including rock, pop, and blues. Students will also have an opportunity to learn and perform a song of their choice. Owning a guitar is not mandatory but it will be a helpful tool to have at home.

Guitars, picks, and all written materials will be provided by the school.

560 GUITAR 2 Grade 9-12**1 Semester .5 credit**

Guitar 2 is for any student who has already taken Guitar I and would like to learn more about the advanced techniques of guitar. Students will learn and be able to demonstrate advanced chords, strumming patterns, riffs, solo techniques and strategies, and scales. Guitar 2 students will learn a variety of different songs spanning across several musical genres including rock, pop, and blues. Students will also have an opportunity to learn and perform a song of their choice. Owning a guitar is not mandatory, but it will be a helpful tool to have at home. It is strongly recommended that students taking Guitar 2 have a clear understanding of reading guitar tablature. The students enrolled will expand their knowledge of the basic fundamentals of guitar. Guitars, picks, and all written materials will be provided by the school.

561-562 CARDINAL CHOIR A/B (Audition Required) 2 Semesters 1 credit

Prerequisite: none.

This is an auditioned choir for mixed voices. Students must go through an audition process and must have participated in choir previously to be considered for this ensemble. Students will continue to learn and develop their musical skills through sight singing, study of music theory, critical listening, and vocal development. Students will learn to sing monophonic, homophonic, and polyphonic literature from a variety of musical genres. This choir will represent Coldwater High School at MSVMA Choral Festival and will sing at various different school and community events. Individuals will need to display musical knowledge and maturity to succeed. Being a member carries with it the obligation to attend all rehearsals and performances noted in the schedule at the beginning of the year. Opportunities to attend solo and ensemble and other various events will be provided. Choir is a yearlong commitment.

566-567 BELLE VOCE – TREBLE CHOIR A/B 2 Semesters 1 Credit

This class is designed for beginning Treble (women) voices. Students will continue to learn and develop their musical skills through: sight singing, study of music theory, critical listening, and vocal development. Students will learn to sing monophonic, homophonic, and polyphonic literature from a variety of musical genres. This choir will represent Coldwater High School at MSVMA Choral Festival and will sing at various different school and community events. Individuals will need to display musical knowledge and maturity to succeed. Being a member carries with it the obligation to attend all rehearsals and performances noted in the schedule at the beginning of the year. Opportunities to attend solo and ensemble and other various events will be provided. Choir is a yearlong commitment.

582 MARCHING BAND 1 Semester .5 credit

In the fall, this group is comprised of the future concert and symphonic band for the school year. The Cardinal Marching Band rehearses each Monday night during football season and performs at all home football games, as well as marching band festival. The Marching Band also participates in several parades throughout the school year. After marching season is over, the marching band is divided into two separate bands: the Concert Band and the Symphonic Band. Each band performs at a Winter Concert. Students in each of these performing groups will also enroll in the appropriate band course for the 2nd semester. Students enrolled in Marching Band also attend band camp during the summer to prepare for the fall show and pay an annual cleaning fee for the use of the band uniform, and an instructor fee to pay for the band camp staff. Band is a year-long commitment.

585 COLOR GUARD A (Audition Required) 1 Semester .5 credit

This is for students desiring to participate in the Flag Corps during marching season only. Students must audition for this class in the spring prior to the next Marching Band season. Students who also play instruments will integrate into the appropriate band section after marching season.

574 CONCERT BAND B 1 Semester .5 credit

Concert Band is a group for students with prior experience playing a band instrument. Members of this band will be individuals who are gaining proficiency on their instrument and have a real desire to improve. Emphasis is placed on growth in the following areas: music reading, tuning, sight-reading, and development of skills on your instrument. In the fall, this group performs with the Symphonic Band to make up the Cardinal Marching Band, which performs at all home football games, as well as Marching Band Festival. Then, they move indoors to form the Concert Band. This band will give 3-4 concerts every year as well as performing at Band Festival. The music selected for this group will be taken from the best band literature available at their grade level. Members will also have the opportunity to play at Solo & Ensemble Festival. Band is a full year commitment.

587 SYMPHONIC BAND B (Audition Required) 1 Semester .5 credit

This is an audition-based group. You must have the approval of the director to be placed in the Symphonic Band. In the fall, this group makes up the majority of the Cardinal Marching Band, which performs at all home football games, as well as Marching Band Festival. After marching season, the group comes inside to form the Symphonic Band. This band will give 3-4 concerts every year as well as performing at Band Festival. The music Selected for this group will be taken from the best band literature available. Members will also have the opportunity to play at Solo & Ensemble Festival. Band is a full year commitment.

INDUSTRIAL ARTS

In addition to Woodworking, these classes have 3D printers and software that will allow students to design and print 3D models. This technology will be taught and used in each course.

750 INDUSTRIAL TECH/WOODWORKING 1 1 Semester .5 Credit

This semester course is taught at Legg Middle School and is designed for students that have not had any previous Industrial Tech/Woodworking courses. Students will be learning how to work safely in a woodshop environment as well as the safe use of various woodworking hand and power tools. Students should expect some classroom based learning leading into projects that show evidence of learning. There will be two individual projects and one team based project in this class. Students will have the opportunity to take the projects home after paying for a portion of the cost of the materials. Students who successfully complete industrial tech/woodworking 1 have the opportunity to continue into the second level of the course.

751 INDUSTRIAL TECH/WOODWORKING 2 1 Semester .5 Credit

This semester course is taught at Legg Middle School and builds on the learning from Industrial Tech/Woodworking 1. There will be an emphasis on learning and applying advanced woodworking skills. This course will also ask students to complete two individual projects and one team-based project. Students will have the opportunity to take the projects home after paying for a portion of the cost of the materials. As the course progresses, the precision and skill level of the projects as well as the independent responsibilities expected of the students will continue to increase.

753 ADVANCED STUDY INDUSTRIAL TECH/WOODWORKING 1 Semester .5 Credit

Students who wish to continue their personal skill development in the area of Industrial Technology and Woodworking may apply to continue working on projects agreed upon by and supervised by the teacher. Students must have the approval of and recommendation of the instructor to participate in this course. Students will create a clear project plan with timelines including an itemized budget. Due to the individualized nature of the proposed projects, students and their parents must agree to purchase all needed construction and finishing materials.

HEALTH AND PHYSICAL EDUCATION

925 HEALTH EDUCATION (Required) 1 Semester .5 credit

Preferably 9th or 10th grade

So you think you know what's healthy? Come and find out. You will learn how the decisions you make affect your individual health and the well-being of others. Areas covered include: drugs, C.P.R., HIV/AIDS, STD's/STI's, personal health and wellness, reproduction, birth control, and nutrition.

901-902 PHYSICAL EDUCATION A/B: 1 Semester .5 credit

(1 Semester Required – No Prerequisite – For All Grade Levels)

Introduction to Physical Education promotes sport and recreational activities. The student will participate in activities that include (1) health-related fitness activities (cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition), (2) Individual and Team sports (3) Aquatics (if the pool schedule allows) (4) Weight Training. It includes the study of the principles of sport and exercise as well as opportunities to develop or refine skills and attitudes that promote lifelong fitness. Assessments will include both written and performance-based skill evaluation.

931-932 GIRL'S FITNESS AND WELLNESS A/B: 1 Semester .5 credit

No Prerequisite – FOR WOMEN ONLY in all grade levels

This class, designed for girls only, will consist of a variety of different fitness activities such as light weight training, walking for fitness, yoga and other aerobic activities as well as the other physical education standards as required by the State of Michigan. In the course, girls will also explore team and competitive sports, learn team building skills, and focus on building a life-long active lifestyle. With these types of activities the students will learn how to set goals, develop a program and monitor themselves to ensure success in maintaining a healthy lifestyle. This class meets the required Physical Education Credit.

924 - 927 WEIGHT TRAINING A/B 1 Semester .5 credit

10th-12th grade

Prerequisite: Successful Completion of Physical Education and Instructor Approval

This course will be open to both girls and boys at Coldwater High School with an additional focus on creating programming for students that are involved in athletics. The class will be based on the Bigger, Faster, Stronger lifting program. It will give the student the opportunity for regular, supervised workouts while learning power techniques and safety. We will concentrate on improving athletic ability and strengthening the body to help reduce the stress and potential injuries that can happen while participating in athletic activities. Swimming will also be part of the Weight Training experience (if the pool schedule allows). Assessments will include both written and performance-based skill evaluation.

BACC CAREER AND TECHNICAL EDUCATION PROGRAMS FOR 2021-2022

Please be aware that students may select the program they wish to attend, but they will be assigned the AM or PM session depending on the final schedule of courses. Please meet with your counselor if you are interested in attending the BACC in your Junior or Senior year at CHS. Below is a description of the available BACC programs. Students must complete the first year of any program with a grade of 70% or better to be considered for enrollment into the second year. **All level II programs (2nd year) are only for senior students.**

079T09 AUTOMOTIVE TECHNOLOGIES 1 (Mr. Andy Blair)

1st year - 3 credits - 11-12th grade

The Automotive Technologies program at the BACC is a two-year NATEF certified program that teaches to the MLR (Maintenance and Light Repair) level. Taking this program will either prepare students for an entry-level position in the repair field, or prepare them for further education, possibly with one of our several accredited college partners. The first year program is aimed at teaching shop safety, shop tools, and basic skills. Once the basic skills are mastered, students will then focus on 8 areas. The areas are Engine Repair, Automatic Transmissions, Manual Transmissions, Steering and Suspension, Brakes, Electrical Repair, Heating and Air Conditioning, and Engine Performance.

079T11 AUTOMOTIVE TECHNOLOGIES II (Mr. Andy Blair)

2nd year - 3 credits - 12th grade

Automotive technologies 2 program is offered to students who have successfully completed Automotive Technologies 1. The second year of Automotive Technologies is a continuation of the first year with students working on the remaining two categories that were not covered in the first year. More hands-on training is offered with opportunities to work on customer's vehicles, some student vehicles, on-the-job training, job shadowing, and work experience. Emphasis is placed on second year students being capable of entry-level position duties and/or further education, possibly with one of our several accredited college partners.

079T17 BUSINESS, MANAGEMENT, MARKETING, AND TECHNOLOGY 1 (Mr. Joe Sobeske)

Year – 3 credits – 11-12th grade

Students in Business, Management, Marketing, & Technology utilize the latest business technology required to carry out business operations. Students get hands-on learning experience with social media marketing, digital media production, finance, and accounting. Students will build their real-life resume as they become entrepreneurs and start their own businesses—from start to finish—including completion of a comprehensive business plan. Leadership skills are learned hands-on through the student organization Business Professionals of America. Students have the opportunity to earn several industry certifications including Entrepreneurship and Small Business, and Microsoft application software. These certifications may also earn college credit. In addition, students with an interest in accounting may qualify for the specialized accounting component. Former students have pursued degrees in Business Administration, Finance, Marketing, Management, Graphic Design, and Accounting

079T19 BUSINESS, MANAGEMENT, MARKETING, AND TECHNOLOGY II (Mr. Joe Sobeske)

Year – 3 credits – 12th grade

Students successfully completing BMMT are eligible to apply for second year opportunities. They may explore career options while working in a variety of real business settings through OJT positions or intern rotations, earn additional articulated credit from area colleges, or receive software certifications valued by employers. Those who have successfully completed the Accounting I component may be selected for the Accounting II component during their senior year as part of their second year plan.

079T25 COLLISION REPAIR & COATINGS TECHNOLOGIES 1 (Mr. Tony MacArthur)

Year – 3 credits – 11-12th grade

A person taking the Collision Repair & Coatings Technologies program should have an interest in cars. The various tasks students perform are numerous and range from minor to major collision repair, panel replacement, frame repair, estimating damage, Mig welding, sanding, masking, and painting. Students have the opportunity to be state and EPA certified.

079T27 COLLISION REPAIR & COATINGS TECHNOLOGIES II (Mr. Tony MacArthur)

Year – 3 credits – 12th grade

The second year of Collision Repair & Coatings Technologies provides more hands-on work to build upon the first year's skills. For qualified second year students, there are opportunities for On-the-Job Training (OJT), Work Experience, and Job Shadowing. Students have the opportunity to be state and EPA certified.

079T93 COMPUTER NETWORKING / CYBERSECURITY 1 (Mr. Berto Campos)

Year – 3 credits – 11-12th grade

The BACC Computer and Networking Technologies program is training skilled computer support technicians and network administrators, by providing the latest information and hands on training labs preparing students for intern opportunities to launch their careers. Students learn how to implement and manage computer and network systems through classroom activities and involvement in the Michigan Initiative for Cybersecurity Education (MICE).

Students also learn basic network penetration testing (white-hat hacking) concepts and techniques. Successful CNT students earn the Computing Technology Industry Association (CompTIA) A+, Network+, Server+ and Security + Industry Certifications. Articulated college credits are awarded to students who qualify. The BACC's CNT program is an official Cisco Networking Academy and a member of the Microsoft Developer Network. This means students get access to world-class training curriculum, equipment, and developer software to use to develop skills outside of class.

079T95 COMPUTER NETWORKING/ CYBERSECURITY II (Mr. Berto Campos)

Year – 3 credits – 12th grade

This program is offered to students who successfully complete the first year of the program and meet the application criteria. Upon acceptance, students earn real-world IT experience at local businesses. This experience may include computer support at local hospitals, banks, and other partnership businesses. Prerequisites: Completion of 1st year curriculum with a minimum of CompTIA A+ certification, submitted/approved application, and recommendation of instructor. Special approved courses of study will be considered.

079T13 CONSTRUCTION TRADES I (Mr. John Herbert)

1st Year – 3 credits – 11th & 12th Grade

The Construction Trades program at the BACC is a two-year program that teaches entry level construction trades skills. Taking this program will prepare students for career field areas such as residential and commercial building and residential and commercial renovation/rehabilitation, among other construction related fields. The first year of Construction Trades focuses on safety, tool and equipment usage, and exterior/rough finish carpentry. Students will earn an OSHA 10 certification and will be properly trained on hand tools, both manual and power, and stationary power tools and equipment. Additionally, students will be trained in the following areas/segments, according to State guidelines/requirements: Safety & Career Awareness (Segment 1), Wood & Fasteners (Segment 2), Floor Framing/Wall & Ceiling (Segment 4), Roof Framing (Segment 5), Windows & Doors (Segment 6), Roofing (Segment 9), and Employment Skills/Student Portfolio (Segment 13).

079T15 CONSTRUCTION TRADES II (Mr. John Herbert)

2nd Year – 3 credits – 12th Grade

Construction Trades II is offered to students who have successfully completed Construction Trades 1. The second year of Construction Trades is a continuation of the first year. 2nd year Construction Trades students will be trained in the following areas/segments, according to State guidelines/requirements: Blueprints & Concrete (Segment 3), Siding & Decks (Segment 7), Insulation & Wall Finish (Segment 8), Interior Finish (Segment 10), Stair Framing & Finish (Segment 11), Cabinets & Countertops (Segment 12), and Employment Skills/Student Portfolio (Segment 13). Construction Trades 2 also affords students the opportunity for on-the-job-training (pending availability and meeting of criteria) with local construction companies, job shadowing, and off site building projects with the local Habitat for Humanity.

079T07 COSMETOLOGY

Year – 3 credits - 11th & 12th Grade

The Cosmetology program allows students the opportunity to pursue training that can lead to licensing by the State of Michigan in cosmetology. The Branch Area Careers Center has entered into an agreement with the Hillsdale Beauty College to offer this opportunity to students. The HBC is a state of Michigan licensed school of cosmetology. Students will receive training at their Coldwater location. Students will work toward completing 1500 hours of training. The number of students able to enroll in this program is limited. Please talk with your counselor if you are interested.

079T31 CRIMINAL JUSTICE/LAW ENFORCEMENT 1 (Mr. Alan Fouty)

Year – 3 credits – 11-12th grade

Introduction to Criminal Justice analyzes the processes, institutions and administration of justice in the United States. It examines the crime problem and criminal law to include diversion, adjudication and sentencing; it also explores the correctional system including prisons, jails, inmate rights, probation and parole, and introduces the student to the juvenile justice process. Special attention to contemporary issues and trends in the administration of justice and the Michigan justice structure will be emphasized. The program is designed to train and educate a student to become self-disciplined, vocationally competent, mentally mature, and physically sound. Note: *Enrollment in this program requires an application.* Please see your counselor for further enrollment information and requirements.

079T33 CRIMINAL JUSTICE ALLIANCE II (Mr. Alan Fouty)

Year – 3 credits – 12th grade

This program is offered to students who successfully complete the first year of the program and meet the application criteria. Upon acceptance, students in the Criminal Justice Alliance are exposed, through work experience activities, to all aspects of the Criminal Justice system. This exposure may include time with local law enforcement officers, undercover operations, patrol tactics, courtroom procedures, correctional settings, parole and probation. In addition to the basic information learned in the first year, students will learn about personal protection techniques, traffic investigation, and narcotics investigations. Exposure to the correctional processes could include inmate intake and release, property management, and prisoner control. Students accepted into this program are eligible to dual enroll in two college classes offered during school hours through Kellogg Community College. You must have completed the 1st year of the program.

079T51 CULINARY ARTS & HOSPITALITY MANAGEMENT 1 (Mr. John Motz)

Year – 3 credits – 11-12th grade

The Culinary Arts and Hospitality Management program is a one-year National Restaurant Association's Educational Foundation (NRAEF) ProStart Certification course. The NRAEF ProStart curriculum introduces the student to the interrelated industry of lodging, food service, culinary arts, commercial baking, and travel and tourism. Students are also offered the ServSafe Sanitation & Allergens Certifications and students that complete the program will earn a ProStart National Certificate of Achievement. Students acquire core skills needed for the service industry, fundamentals of professional food preparation and food safety, as well as introduction to hospitality and tourism business topics including customer relations, accounting, cost controls, and marketing. Hospitality/Tourism workers are employed by restaurants, casinos, resorts, hotels, cruise ships, convention centers, sporting arenas, airlines, travel agencies, schools, country clubs, and health care dietary departments to name a few.

079T53 CULINARY ARTS & HOSPITALITY MANAGEMENT II (Mr. John Motz)

Year – 3 credits – 12th grade

2nd Year students focus in the area of their choice: culinary arts, commercial baking, and/or front of the house management. Students complete work experience rotations, manage the school restaurant, or participate in on-the-job (OJT) training. These advanced students have the opportunity to take the American Culinary Federation general knowledge test in preparation for ACF certification. This is a globally recognized chef certification. Students also have the opportunity to develop a business to showcase in an entrepreneurial competition. Students successfully completing the ProStart (NRAEF) certification can earn articulated college credit.

079T39 EDUCATION FUNDAMENTALS (Mrs. Kayla Monville)

Education Fundamentals is a one-year program for juniors or seniors who are interested in a career in education. Students will complete the CTE 12 segments/standards, as well as take the ETS Paraprofessional assessment, participate in job shadow placement rotations and career exploration. In addition, students will gain valuable insight

into the exciting field of education from dedicated professional educators in our community. Qualified students have the opportunity to earn articulated college credit from both Kellogg Community College (KCC) and Central Michigan University (CMU).

079T67 EDUCATION ACADEMY (Mrs. Karen Sobeske)

Juniors successfully completing the Education Fundamentals program are eligible to apply to and interview for opportunities in Education Academy for their senior year. Students will be placed four days a week based on their area of interest in the field of education (classroom teaching, special education, athletic director, speech therapy, school psychology, art, music, library, physical education, etc.) with related class at the BACC once a week. Qualified students have the opportunity to earn KCC articulated college credit for EDU200 - Foundations of Education, as well as earn dual enrollment credit for Trine University's Freshman Practicum course.

079T47 ELECTRICAL & AUTOMATION ENGINEERING TECHNOLOGIES I (Mr. Fran Williams)

Year – 3 credits – 11-12th grade

This course is open to students interested in working with science, technology, engineering, and math. The program provides a solid background in pre-engineering concepts for the electrical industry such as DC/ AC electrical theory, residential, commercial, and industrial electrical systems, and motor controls logic systems. Students will be exposed to many electrical certifications such as OSHA safety, Lock-out/Tag-out, and Arc Flash.

079T49 ELECTRICAL & AUTOMATION ENGINEERING TECHNOLOGIES II (Mr. Fran Williams)

Year – 3 credits – 12th grade

This course is offered to those students who successfully complete Electrical & Automation Engineering Technologies 1. The Electrical & Automation Engineering Technologies 2 program offers a more in-depth look at advanced careers in the electrical field. Topics covered are industrial motor controls, machine control systems, Programmable Logic Controllers and automated control systems. Second year students may be eligible for FANUC Robotics training and certification.

079T21 ENGINEERING, CAD/CAM & ARCHITECTURE I (Mr. Marvin Gage)

Year – 3 credits – 11-12th credits

Engineering, CAD/CAM and Architecture is a program where students will learn the skills in Computer Aided Design (CAD) necessary to produce working drawings of parts they have designed using state-of-the-art software. Students will also learn how to assembly these parts into working models on the computer, which they will then animate. Throughout the program, students will be introduced to many different Engineering practices and careers. Emphasis is placed on design creativity and being able to work in small groups. Many of their ideas will be brought to life using 3D printers. At the end of the program, students will be given the opportunity to explore the areas of Architecture, CAD/CAM, Inventions and Innovations.

079T23 ENGINEERING, CAD/CAM & ARCHITECTURE II (Mr. Marvin Gage)

Year – 3 credits – 12th grade

Second year Engineering, CAD/CAM and Architecture students will continue to apply the skills they learn during the first year but now towards their area of concentration. Students interested in CAD/CAM programming and advanced CNC operation will design, program, and manufacture tools, parts, and machines in the CNC machine shop. Students interested in design will work on inventions and innovations, learning how to do patent searches and produce working models on the 3D printers. Architecture students learn to master both 2D and 3D state-of-the-art software used in industry while learning many aspects of residential and commercial architecture.

079T03 ENVIRONMENTAL & AGRICULTURAL SCIENCES 1 (Mrs. Alison Bassage)

Year – 3 credits - 11-12th grade

Students explore over 300 careers within the field of agriculture, food and natural resources and have an opportunity to complete job shadow experiences. They will be involved in hands-on agriscience subject areas such as animal and veterinary science, agribusiness management, crop and soil sciences, water quality studies, aquaculture, and horticulture. EAS students work in real-life situations on the 180 acre land lab, which includes housing for 5 different species of livestock, 150 acres of crops, two greenhouses, and a Michigan native tree arboretum. In addition they will become members of the National FFA Organization and be involved in leadership skill development activities.

079T05 Environmental & Agricultural Sciences II – Capstone (Mrs. Carrie Preston)

This course is offered to those students who have successfully completed Environmental & Agricultural Sciences I. Prerequisites include an overall GPA of 3.0 or higher, personal interview and teacher recommendation. This program is academically advanced and includes 2 Kellogg Community College courses, work experience opportunities and related class each week to help develop leaders within the agricultural industry.

079T06 Environmental & Agricultural Science II-OJT Program (Mrs. Carrie Preston)

This course is offered to those students who have successfully completed Environmental & Agricultural Sciences I. Students will be involved in activities related to environmental and agribusiness careers, job readiness, and leadership skill development preparing them for high skill, high wage careers in Agriculture and Natural Resources. The OJT program offers paid positions for seniors who have successfully completed Environmental & Agricultural Sciences I and have proved themselves to be employable. Students interview with and must be hired by local agricultural businesses. Availability of positions is variable and may change from year to year.

0079T59 HEALTH SCIENCE 1 Fundamentals (Mrs. Shannon Bir)

Year – 3 credits – 11-12th grade

Health Science Fundamentals is a one-year program for juniors or seniors who are interested in a career in healthcare. Students will complete the Michigan Health Science Standards, certification in American Heart Association CPR and First Aid, as well as human anatomy & physiology, medical terminology and career exploration. In addition, students will gain valuable insight into the exciting field of healthcare from dedicated healthcare professionals in our community. Juniors successfully completing Health Science Year One are eligible to apply and interview for opportunities for Second Year. This includes; On the Job Training (OJT), Health Practicum, Health Academy, and/or Certified Nursing Assistant Training (C.N.A.). This eligibility is based on obtaining 75% on all tests and good employability skills (attendance and professional conduct).

079T100 HEALTH SCIENCE II Fundamental Hybrid (Mrs. Tonie McMaster)

Year – 3 credits – 11-12th grade

Health Science Fundamentals Hybrid is a one-year program for juniors or seniors who are interested in a career in healthcare. Students will complete the Michigan Health Science Standards, certification in American Heart Association CPR and First Aid, as well as human anatomy & physiology, medical terminology and career exploration. In addition, students will gain valuable insight into the exciting field of healthcare from dedicated healthcare professionals in our community.

Fundamentals Hybrid students also dual enroll in two Kellogg Community College (KCC) courses. In the first semester, students enroll in COMM 110 (Introduction to Communication, 3cr). In the second semester, students enroll in PSYC 201 (Introduction to Psychology, 3cr). If students have already completed these classes, other opportunities are available. Juniors successfully completing Health Science Year One are eligible to apply and interview for opportunities for Second Year. This includes; On the Job Training (OJT), Health Practicum, Health

Academy, and/or Certified Nursing Assistant Training (C.N.A.). This eligibility is based on obtaining 75% on all tests and good employability skills (attendance and professional conduct).

079T99 HEALTH ACADEMY (Mrs. Covell)

Year – 3 credits – 12th grade

The Health Academy is the most rigorous opportunity within the Health Sciences Pathway. It is available to those seniors who have successfully completed the Health Science Program as juniors, and it is available by application only. This program is limited to twelve students and is unpaid. Prerequisites include an overall GPA of 3.0 or higher, KCC Accuplacer reading score above 60 of 244 or higher or SAT reading score of 25 or higher, personal interview, and teacher recommendation. This academically advanced program includes clinical rotations at ProMedica Coldwater Regional Hospital and other local health care providers, as well as 8 Kellogg Community College credit hours; 4 for Human Anatomy and 4 for Human Physiology. Related class involves thoughtful and challenging bioethical discussions, journal sharing, and guest speakers.

079T60 Medical Certifications (Mrs. Covell)

Year – 3 credits – 12th grade

Medical Certifications offers a free healthcare industry recognized certifications such as:

- Phlebotomy Technician
- EKG Technician
- Pharmacy Technician
- Plus others as additional certification options may be available.

These certifications may lead to paid or unpaid clinical opportunities for seniors. Paid positions require an interview and hire by the employer.

This class is self-driven and students need good time management skills to be successful for the online program. This program has limited enrollment due to grant funding.

079T61 HEALTH PRACTICUM (Mrs. Covell)

Year – 3 credits – 12th grade

The Health Practicum program is a competitive admissions program open only to those seniors who have successfully completed the Health Science program as juniors. Selection is by application only and is limited to **twelve** student externs. Externs will experience clinical rotations at ProMedica Coldwater Regional Hospital and several area healthcare providers, where they will learn under the mentorship of practicing professionals. This is an unpaid work experience. Related class includes guest speakers as well as advanced clinical instruction and reflection. The application process includes teacher referral and personal interview.

079T62 HEALTH SCIENCE OJT PROGRAM (Mrs. Covell)

Year – 3 credits – 12th grade

The OJT Program offers paid clinical positions for seniors who have successfully completed the Health Science program as juniors. Students interview with and must be hired by local healthcare institutions. Availability of positions is variable and may change from year to year.

079T83 WELDING ENGINEERING TECHNOLOGIES 1 (Mr. Larry Loviska)

Year – 3 credits – 11-12th grade

Welding is a process of joining metal. Metals are heated to their melting point by electric arc or gas flame and are merged together with or without filler metal. Welding is the most efficient method of permanently joining metal. Students will learn the five most common welding processes, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), Oxy-Fuel Cutting (OFC), and Plasma Arc Cutting (PAC). Students will learn the safe operation of metal working tools and power hand tools. Students will weld basic joint

designs in all welding processes in the flat, horizontal, vertical and overhead positions. Students will pass OSHA safety training and will have the opportunity to earn certifications from the American Welding Society (AWS).

079T85 WELDING ENGINEERING TECHNOLOGIES II (Mr. Larry Loviska)

Year – 3 credits – 12th grade

Students will weld advanced joint design in all the welding processes and all positions. Fabrication of metal (weldments) utilizing layout diagrams, sketches, prints and verbal instructions will be completed. The second year student will have the opportunity for On-the-Job Training (OJT). This is a paid internship that is offered after the students complete the necessary requirements in class. Students will take an American Welding Society certification test in the vertical or overhead position as their final practical exam. Students leaving the program will have entry level job skills and will be ready for postsecondary education.

FREEDOM OF CHOICE TITLE VI --CIVIL RIGHTS ACT OF 1964 - No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

TITLE IX--DISCRIMINATION BASED ON SEX - No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.

SECTION 504--REHABILITATION ACT OF 1973

No otherwise qualified handicapped individual in the United States, as defined in (29 U.S.C. S. 706(7)), shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance or under any program or activity conducted by any Executive Agency or by the United States Postal Service. Any person believing that his/her rights under these acts have been violated, should contact the building principal. If the matter is not resolved satisfactorily, then contact should be made with the Superintendent of Schools.