

2018-2019 Coldwater High School Course and Curriculum 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 course work 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.

English Language Arts
Modifications Allowed 4 credits required (course specific for 9-11th grade students with various options in the 12th No 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 last year)

Science
No Modifications Allowed 3 credits which must include Biology and (Physical Science, Engineering and Applied Physics, Physics, Chemistry, Anatomy, or the Agri- Science program at the BACC). The 3rd credit can be any additional science course or it can be replaced with any CTE Program.

Social Studies 3 credits (must include American History, World History A&B, Modern American History, The American Economy, and Government)
Social Studies modifications can be requested only if 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 student takes additional credit beyond the required credits in English, Math, Science, or World Languages or completes a BACC program.

World Language 2 credits
World Language Requirement: No Modifications are allowed but students may fulfill this with a course credit or by meeting the required 2-year proficiency test score. Students may also waive the 2nd credit of the language by completing any BACC program.

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 and carefully record course numbers. (For Counseling assistance call 279-5932.)
- e. Parents and students both sign worksheet, indicating approval.
- f. Return worksheet to the school by the date specified on the form.

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 at Coldwater High School will be "weighted". When offered, the listed classes will follow the Advanced Placement curriculum and will be weighted an additional 1.0 GPA point towards the GPA: Successful completion of certain AP classes counts toward meeting high school graduation requirements. 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. A maximum of 1 credit per year beyond the Coldwater High School regular school day can be transferred 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.**

CHS 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.

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 web site 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 Technologies, Criminal Justice & Law Enforcement, Early Education, or Education Academy, 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 SELECTIONS for 2018-2019

Please study the graduation requirements for your particular graduating class. Particular courses are suggested at each grade level and your current classroom teachers or your counselors can help you determine the next course in your sequence of instruction. Each A and B course listed is one (1) semester in length. A student can earn 0.5 credit toward graduation by passing and earning credit in each course. The description and pre-requisites for each course are found within this curriculum guide. Please print the course titles and numbers on your course request form to organize your courses.

Courses for 2018 - 2019	Courses for 2018 - 2019
ENGLISH COURSES (Found on Pages 7-9)	MATH COURSES (Found on Pages 11-12)
019011 English 9A CT	019204 Math Mastery A
019012 English 9B CT	019205 Math Mastery B
019014 English 9A	019226 Algebra 1A
019015 English 9B	019227 Algebra 1B
019017 Hon English 9A	019236 Geometry A
019018 Hon English 9B	019237 Geometry B
019023 English 10A CT	019273 Honors Geometry A
019024 English 10B CT	019274 Honors Geometry B
019025 English 10A	019244 Algebra 2A
019026 English 10B	019245 Algebra 2B
019027 Hon English 10A	019247 Honors Algebra 2A
019028 Hon English 10B	019248 Honors Algebra 2B
019053 English 9-10A	019249 (FST) Functions, Statistics, & Trigonometry A
019054 English 9-10B	019250 (FST) Functions, Statistics, & Trigonometry B
019055 English 11A	019241 Honors Pre Calc A
019056 English 11B	019242 Honors Pre Calc B
019064 AP English 11 Language and Composition A	019252 AP Calculus A
019065 AP English 11 Language and Composition B	019253 AP Calculus B
019076 AP English 12 Literature A	019255 Senior Math A
019077 AP English 12 Literature B	019256 Senior Math B
019047 English 11-12A	
019048 English 11-12B	SCIENCE COURSES (Found on Pages 12-14)
019101 English 11-12A CT	019413 General Biology A
019102 English 11-12B CT	019414 General Biology B
019074 English Mastery A	019427 Hon Molecular Biology A
019075 English Mastery B	019428 Hon Molecular Biology B
019051 Yearbook A (10-12 grades)	019402 Physical Science A
019052 Yearbook B (10-12 grades)	019403 Physical Science B
019038 Creative Writing 1 (11-12 grades)	019429 AP Biology A
019044 Creative Writing 2 (11-12 grades)	019430 AP Biology B
019042 Expository Writing (12 grade)	019431 Anatomy A
019034 Speech 1 (12 grade)	019434 Anatomy B
019035 Speech 2 (12 grade)	019432 Chemistry A
	019433 Chemistry B
ESL (Found on Page 10)	019440 Honors Chemistry A
019057 ELA A and 019058 ELA B	019441 Honors Chemistry B
019059 ESL Beginner A and 019060 ESL Beginner B	019435 AP Chemistry A
019061 ESL 1A and 019062 ESL 1B	019436 AP Chemistry B
019069 ESL 2A and 019071 ESL 2B	019438 Physics A
019200 Math Essentials A and 019199 Math Essentials B	019439 Physics B
019369 American History Essentials A and 019368 AHE B	019446 AP Physics 1A
019406 Science Essentials A and 019409 Science Essentials B	019447 AP Physics 1B
019420 Chemistry Essentials A and 019421 Chemistry Essentials B	019448 Engineering and Applied Physics A
	019449 Engineering and Applied Physics B

SOCIAL STUDIES COURSES (Found on Pages 14-16)	HEALTH & PHYSICAL EDUCATION (Found on Pages 20-21)
019318 American History	019925 Health
019320 Honors American History	019901 Phys Ed A
019321 Pre-AP European History	019902 Phys Ed B
019326 World History A	019903 Advanced Phys Ed A
019328 World History B	019904 Advanced Phys Ed B
019358 AP European History A	019931 Girl's Fitness and Health A
019359 AP European History B	019932 Girl's Fitness and Health B
019353 The American Economy	019924 Weight Training A
019355 Modern American History	019927 Weight Training B
019364 AP US History A	019933 Aquatics A
019365 AP US History B	019923 Aquatics B
019340 US Government (Civics)	
019345 AP US Government A	
019346 AP US Government B	CAREER AND TECHNICAL EDUCATION (Pages 21-27)
019342 Sociology	079T09 Automotive Technologies 1
019349 AP Psychology A	079T11 Automotive Technologies 2
019352 AP Psychology B	079T17 Business, Management, Marketing & Technologies 1
019357 Current Events	079T19 Business, Management, Marketing & Technologies 2
	079T21 Engineering, CAD-CAM & Architecture 1
FOREIGN LANGUAGES (Found on Page 17)	079T23 Engineering, CAD-CAM & Architecture 2
019115 Spanish 1A	079T25 Collision Repair & Coatings Technologies 1
019116 Spanish 1B	079T27 Collision Repair & Coatings Technologies 2
019125 Spanish 2A	079T93 Computer Networking/Cybersecurity 1 (application req.)
019126 Spanish 2B	079T95 Computer Networking/Cybersecurity 2 (application req.)
019135 Spanish 3A	079T31 Criminal Justice/Law Enforcement 1 (application req.)
019136 Spanish 3B	079T33 Criminal Justice Alliance 2 (application req.)
019137 Spanish 4A	079T51 Culinary Arts and Hospitality Management 1
019138 Spanish 4B	079T53 Culinary Arts and Hospitality Management 2
019119 German Language and Culture (1 semester elective)	079T39 Early Education 1 (application req.)
	079T41 Early Education 2 (application req.)
FINE ARTS/MUSIC (Found on Pages 18-20)	079T67 Education Academy 1 (application req.)
019513 Art I	079T75 Education Academy 2 (application req.)
019514 Art II	079T47 Electrical and Automation Engineering Technologies 1
019515 Art III	079T49 Electrical and Automation Engineering Technologies 2
019516 Art IV	079T03 Environmental & Agricultural Sciences 1
019552 History of Film Music	079T05 Environmental & Agricultural Sciences 2
019554 History of Rock and Roll	079R11 FANUC Robotics/CAD – Semester 1
019555 Digital Music	079R09 FANUC Robotics/CAD – Semester 2
019559 Guitar 1	079R01 FANUC Robotics/Comp Net/Cyber Security – Semester 1
019560 Guitar 2	079R03 FANUC Robotics/Comp Net/Cyber Security – Semester 2
019561 Cardinal Choir A	079R07 FANUC Robotics/Elec & Automation Eng. Tech – Sem. 2
019562 Cardinal Choir B	079R05 FANUC Robotics/Welding – Semester 1
019582 Marching Band	079A01 General Woodworking (This is an all-year PM Program)
019585 Color Guard (Audition Required)	079T59 Health Science 1
019574 Concert Band B	079W61 Health Science OJT Program (Health Science 2 Option)
019587 Symphonic Band B (Audition Required)	079T61 Health Practicum (Health Science 2 Option)
	079T99 Health Academy (Health Science 2 Option)
	079T83 Welding Engineering Technologies 1
	079T85 Welding Engineering Technologies 2

2018-2019 Coldwater High School Course Listing (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.

011-012 ENGLISH 9 A/B CT (Students must be approved for these courses)

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 be introduced to the various genre of classic and contemporary, narrative and informational texts that will be read and analyzed throughout high school. Texts include short stories, an independent reading unit, *To Kill a Mockingbird*, *The Odyssey* and *Romeo and Juliet*. 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, expect a great deal of writing in many genres, and be recommended by their 8th grade English teachers. In addition to the texts covered in Regular English 9, students will read: *The Chosen*, *My Antonia*, and *The Good Earth*, as well a minimum of 5 books of choice.

023-024 ENGLISH 10 A/B CT (Students must be approved for these courses)

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.

053-054 ENGLISH 9-10 A/B (Students must be approved for placement into these courses)

English 9-10 is a year-long course designed around the teaching standards taught in the 9th and 10th grade. Students placed into this course will most likely take it for two years and earn their first two English credits toward graduation.

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 (narrative, exploratory, expository, and argumentative) on a variety of subjects (personal, political, social, imaginative, etc.) A great deal of reading and especially writing will be required outside of class. This class is well-suited to preparing students for the SAT test and college writing classes. 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.

101 - 102 ENGLISH 11-12 A/B CT (Students must be approved for these courses)

Grade 12

2 Semesters 1 credit

This class provides students with opportunities to continue to increase and refine their communication skills, written expression, information gathering and application, as well as continued instruction on reading skills. The class will focus on using the writing process to practice a variety of forms of writing for business and personal uses. The course will be crafted around the skill development needs of the students in the course and is in place to serve the needs of students who have traditionally progressed through the Co-Taught English Language Arts program at CHS.

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

English Mastery is a course designed to provide students placed into the course, additional learning supports for their current English Language Arts classes. The support course is an elective credit and as such, does not count toward the four English credits required for a diploma.

051-052 YEARBOOK A/B Grades 10 - 12**2 Semesters 1 credit**

Yearbook is an elective course (not counted as 1 of the 4 required ELA credits) for 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.

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 EXPOSITORY WRITING Grade 12**1 Semester .5 credit**

This course is designed for the student whose educational goal is college. It includes the writing of formal essays and an in-depth research paper. Research, outlining, note cards, documentation, bibliography, and manuscript form are studied. The student will concentrate on organization, clarity, unity, and coherence, as well as correct spelling, grammar, punctuation, and vocabulary. In short, the principles of college writing will be taught.

034 SPEECH 1 Grade 12**1 Semester .5 credit**

Speech is a course designed for the student who would like to improve his/her skills in interpersonal communication and public speaking. Chief emphasis will be placed upon the structure and delivery of a public presentation. The course will include informative, persuasive, and demonstration speeches. Extemporaneous, manuscript and memorized speeches will be given. Organization, meeting deadlines, research, active class participation, and nonverbals are key components of this class.

035 SPEECH 2 Grade 12**1 Semester .5 credit**

Speech 2 is a course designed for students who successfully completed Speech 1. Students will continue to improve in the areas of interpersonal communication and public speaking, as well as expand on the various types of speeches performed in Speech 1. It will also include units on group communication and intrapersonal communication. Organization, meeting deadlines, research, active class participation, and nonverbals are key components of this class.

ESL COURSE SELECTIONS

(students are placed into these courses based on their level of English proficiency)

057-058 ELA A/B Course (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 Level 2-3 LEP students. 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.

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

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 taken by Level 2-3 LEP students.

420 and 421 CHEMISTRY ESSENTIALS A/B (Students are placed into these courses) 2 Semesters

Prerequisite: Successful completion of Science Essentials or placement based on English proficiency.

This course is for ELL students and incorporates the required essential chemistry standards which fulfills the Chemistry course requirement of the MMC science standards. Science reasoning and lab skills are reinforced.

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

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 SENIOR MATH 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 not ready for Pre-Calculus, but wanting to or needing to take Math during their senior year. The course is very useful as it has practical applications of mathematics, including topics that involve money management, banking, investments, and credit.

256 SENIOR MATH 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, career decisions, job applications, resumes, interviewing skills, understanding your paycheck, state and federal taxes, budgeting, investing, saving, credit, loans, buying major purchases, checking account, insurance, and protection from scams and schemes as a consumer.

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, Engineering and Applied Physics, 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. As part of a well-rounded science education, it is recommended that students take Biology in the 9th grade, Chemistry in the 10th grade, and then Physics or Engineering and Applied Physics as an 11th or 12th grade student. Students planning to use the option of completing a BACC program as their 3rd science credit are recommended to take the Physical Science course in the 10th grade. BACC students may displace their 3rd required science coursework until the senior year, but must plan carefully with their counselor to make sure all graduation requirements are met.

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.

432-433 CHEMISTRY A/B Grades 10-12**2 Semesters 1credit****Prerequisites: Successful Completion of Biology**

Chemistry is recommended for the sophomore year but can be taken at any point after successfully completing Biology. The first part of this course will cover atomic structure, matter and change, the mole concept, compounds, bonding, and reactions. The second half of the course includes the study of energy and states of matter, and solutions all of which are designed to meet the MMC content expectations. *A scientific calculator is required (TI-34 or TI-84 graphing calculator is recommended).*

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.)*

448-449 ENGINEERING AND APPLIED PHYSICS 1 A/B: Grades 10-12

2 Semesters 1 credit

Prerequisites: Successful Completion of Biology

Engineering and Applied Physics is the study of the combined disciplines of physics, mathematics and engineering, particularly computer, electrical, electronic, materials or mechanical engineering. By focusing on the scientific method as a rigorous basis, it seeks ways to apply, design and develop new solutions in engineering. This course is aligned to the New State of Michigan Science Standards (NGSS) and counts toward fulfilling the science requirements for graduation. Engineering and Applied Physics is geared toward students that are interested in being part of the FIRST Robotics Competition (FRC) team. The FRC team's season is from January to the end of February. This course may be taken as a graduation requirement in place of Physics A/B.

SOCIAL STUDIES – 3 credits required to earn a diploma

All students must earn credit in American History, World History A&B, American Themes A&B, 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 AMERICAN HISTORY

1 Semester

.5 credit

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

320 HONORS AMERICAN 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 will take a much more in depth look at how we 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 Honors American History (course number 019320)

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
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.

119 GERMAN LANGUAGE AND CULTURE

1 Semester

0.5 credit

This elective course is an introductory course to German language basics and a broad survey of German culture. Students will learn simple sentence structure and rudimentary phrases centered around travel. Although this course does not meet the standards necessary for the required language credit, students will gain confidence and insight when it comes to travel in a foreign country. By learning about a different culture and elements of a foreign language, students will gain a better understanding of the world in which they live and begin to think about their roles in a global community.

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 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.

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

Guitar 1 is a course designed 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, solo techniques and strategies, and scales. Guitar 1 students will learn a variety of different songs spanning across several musical genres including rock, pop, blues, and country. Students will also have opportunities to learn a song independently 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, 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 country. Students will also have an opportunity to learn a song independently of their choice. Owning a guitar is not mandatory, but helpful to have for practice 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.

561-562 CARDINAL CHOIR A/B**2 Semesters 1 credit****Prerequisite: none.**

Students will continue to learn and develop their musical skills through: sight singing, study of music theory, critical listening, and through aesthetic awareness. Students will learn to sing monophonic, homophonic, and polyphonic literature from a variety of musical genre. This choir will represent Coldwater High School at several choral festivals and will sing at all major concerts held by the vocal music department. 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. Students will be encouraged to audition to perform as individuals and ensembles at the sponsored festivals. A performance uniform will be provided to the student at no cost. Students are expected to return the uniform dry cleaned and with a receipt attached at the end of the year or whenever the student is no longer enrolled in the class. If the student chooses not to dry clean the uniform, a \$20.00 fee will be accessed.

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.

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., first aid, HIV/AIDS, STD's/STI's, reproduction, birth control, mental health, and nutrition.

901-902 PHYSICAL EDUCATION A/B:**1 Semester .5 credit****(1 Semester Required – No Prerequisite) students will generally take this course in the 9th or 10th grade**

Introduction to Physical Education promotes sport and recreational activities. The student will participate in activities that include (1) health-related fitness activities (cardio respiratory endurance, muscular strength and endurance, flexibility and body composition), (2) team sports, (3) individual or dual sports. 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.

903-904 ADVANCED PHYSICAL EDUCATION A/B: 1 Semester .5 credit**Prerequisite: Successful Completion of Physical Education**

Advanced Physical Education promotes lifetime sport and recreational activities and provides opportunities for an in depth study in specific areas. Students will participate in activities that include: (1) health-related fitness activities, (2) team sports, (3) individual or dual sports. Students will have the opportunity do design and develop an appropriate personal fitness program that enables them to achieve a desired level of fitness. Assessments will include both written and performance-based skill evaluation.

931-932 GIRL'S FITNESS AND HEALTH 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. This course will count as the required PE course for obtaining a diploma. 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. Students will also examine the relationship between nutrition and health as well as examine the role of physical activity in disease prevention. 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**

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. Assessments will include both written and performance-based skill evaluation.

933 and 923 AQUATICS A/B**1 Semester .5 credit****No Prerequisite – For all Grade levels**

This course is an aquatics and swim class. Students will be required to walk over to the aquatics center as needed for class. During this course students will be participating in the following activities using the pool and gym. Water and Life Saving Skills, Basic Swim Strokes, Springboard Diving, and Water Sports. Students will also be exposed to team building as well as individual skills. There will be basic minimum requirements that a bathing suit must meet, similar to needing to have appropriate gym clothes for PE class. This class does not meet the required Physical Education Credit.

BACC CAREER AND TECHNICAL EDUCATION PROGRAMS FOR 2018-2019

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 2 programs (2nd year) are only for senior students.**

079T09 AUTOMOTIVE TECHNOLOGIES 11st 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 2

2nd year - 3 credits - 12th grade

Automotive technologies 2 program is offered to students who successively 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

Year – 3 credits – 11-12th grade

Students in Business, Management, Marketing, & Technology learn the day-to-day operations of a business, including purchasing from other businesses, including purchasing, accounts payable/receivable, payroll, business correspondence, advertising, and human resources. BMMT students utilize the latest business technology required to carry out business operations. Students get hands-on experience in the BMMT businesses – The Corner Store, a retail operation, and Images, Etc., a screen-printing/embroidery production business. Students will become entrepreneurs as they start their own businesses, from start to finish – including completion of a comprehensive business plan. 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 2

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.

079T21 ENGINEERING, CAD/CAM & ARCHITECTURE 1

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 a 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 2

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-art software used in industry while learning many aspects of residential and commercial architecture. Second year students may be eligible for FANUC Robotics training and certification.

079T25 COLLISION REPAIR & COATINGS TECHNOLOGIES 1

Year – 3 credits – 11-12th grade

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

079T27 COLLISION REPAIR & COATINGS TECHNOLOGIES 2

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

Year – 3 credits – 11-12th grade

The BACC Computer and Networking Technologies (CNT) program has joined the National Initiative for Cyber Security Education (NICE) . While the cornerstone of the CNT program is training skilled computer support technicians and network administrators, an emphasis is being placed on information security. Students learn hands on how to mitigate computer system security risks through classroom activities and involvement in the Air Force Association's National Cyberpatriot competition. 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+ and Security+ industry certifications. Students may also earn the globally-recognized Cisco Certified Entry Network Technician (CCENT) certification. Articulated college credits are awarded to students who qualify. The BACC 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 2

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. Qualifying students may also be eligible for FANUC Robotics training and certification. Prerequisites: Completion of 1st year curriculum with minimum of CompTIA A+ certification, submitted/approved application, and recommendation of instructor. Special approved courses of study will be considered.

079T31 CRIMINAL JUSTICE/LAW ENFORCEMENT 1

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; diversion, adjudication and sentencing; 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 2

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 would 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

Year – 3 credits – 11-12th grade

The Culinary Arts and Hospitality management program is a two 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 Certification during their senior year. 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 resorts, hotels, cruise ships, convention centers, spring arenas, airlines, travel agencies, schools restaurants, country clubs and health care dietary departments to name a few.

079T53 CULINARY ARTS & HOSPITALITY MANAGEMENT 2

Year – 3 credits – 12th grade

The second year student has increased management responsibilities, along with internship opportunities in local hospitality businesses. Advanced culinary arts 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 show case in an entrepreneurial competition. Students successfully completing the ProStart (NRAEF) certification can earn articulated college credit.

079T39 EARLY EDUCATION 1

Year – 3 credits – 11-12th grade

In the Early Education program students learn about child development and how to work with young children (birth to 8 years). They will plan and implement developmentally appropriate activities to enhance physical, cognitive, social and emotional growth. Students will be involved in work experience activities three days per week, working directly with young children. Work sites include Head Start and Great Start Readiness Preschool programs, and Developmental Kindergarten (young fives) school settings. BACC has an onsite preschool lab (Tot Spot Community Preschool) for eligible seniors working toward earning a Child Development Associate Credential (CDA). Students have the potential to earn six articulated college credits.

079T41 EARLY EDUCATION 2

Year – 3 credits – 12th grade

Early Education 2 is offered to those students who have qualified to be eligible for the second section. Studies continue in the areas of early childhood, growth and education strategies. Work experience activities continue four days per week in the Branch Area Careers Center Tot Spot Preschool Lab and area Early Education settings for the Child Development Associate Credential (CDA). Students have the potential to earn six articulated college credits.

079T67 EDUCATION ACADEMY 1

Year – 1-2 credits – 11-12th grade

The Education Academy program is open to those students whose EDP states that they plan on going into the field of education. The students' education will be site based with a mentor teacher in one of the local schools. Students will work with their mentor teacher to get on-the-job experience into what the education professional encompasses. Students will be placed based on their area of interest in the field of education (classroom teaching, special education, athletic director, speech therapy, art, music, library, physical education, etc.) Based on the students' time available, this course will run for one or two, or three class periods. An application must be completed. Note: Please see your counselor for further enrollment information and requirements. Qualified students may earn articulated college credits through Kellogg Community College and direct credit from Central Michigan University.

079T75 EDUCATION ACADEMY 2

Year – 1-2 credits – 11-12th grade

This course is offered to those students who have successfully completed a year of Education Academy 1. In addition to the site based experience, students will be given the opportunity to take the ETS Parapro Assessment Test. Students will be placed based on their area of interest in the field of education (classroom teaching, special education, athletic director, speech therapy, art, music, library, physical education, etc.) Based on the students' time available, this course will run for one or two class periods. Qualified students may earn articulated college credits through Kellogg Community College, and direct credit from Central Michigan University and Trine University.

079T47 ELECTRICAL & AUTOMATION ENGINEERING TECHNOLOGIES 1

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, industrial and commercial 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 2

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 will experience FANUC Robotics training and receive certification upon successful completion.

079T03 ENVIRONMENTAL & AGRICULTURAL SCIENCES 1

Year – 3 credits - 11-12th grade

Students explore over three hundred (300) careers within the field of agriculture, and have an opportunity to complete job shadow experiences. They will be involved in "hands-on" agri-science subject areas such as animal and veterinary science, water quality studies, crop and soil sciences, agri-science research, 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 be a member of the National FFA Organization and involved in leadership skill development activities.

079T05 ENVIRONMENTAL & AGRICULTURAL SCIENCES 2

Year – 3 credits – 12th grade

This course is offered to those students who have successfully completed Environmental & Agricultural Sciences 1. Prerequisites include an overall GPA of 3.0 or higher, personal interview and teacher recommendation. This program is academically advanced and includes 6 Kellogg Community College credit hours: 3 for Agricultural Communications and 3 for Agricultural Leadership. Work experience and related class each week help develop leaders within the agricultural industry.

The OJT program offers paid positions for seniors who have successfully completed Environmental & Agricultural Sciences 1 and have proved themselves employable. Students interview with and must be hired by local agricultural businesses. Availability of positions is variable and may change from year to year.

079R11 FANUC ROBOTICS/CAD-Semester 1

079R09 FANUC ROBOTICS/CAD – Semester 2

079R01 FANUC ROBOTICS/Comp Net/Cyber Security – Semester 1

079R03 FANUS ROBOTICS/Comp Net/Cyber Security – Semester 2

079R07 FANUC ROBOTICS/ELEC & AUTOMATION ENGINEERING TECH – Semester 2

079R05 FANUC ROBOTICS/Welding – Semester 1

Semester – 1.5 credits - 12th grade

The FANUC robotics certification course is designed for students interested in becoming an Engineer and working with automation robotics and modern manufacturing. The student will learn the tasks a programmer, technician or engineer will need to setup, navigate and program a FANUC Robot. The students will learn robot safety practices, terminology, programming, and file manipulation. We incorporate hands-on training with a FANUC robot and virtual training utilizing FANUC's program simulation software. Please see your counselor for further enrollment information and requirements.

079A01 GENERAL WOODWORKING –This program is ONLY offered in the PM Session

Year – 3 credits - 9-10th grade

General Woodworking is established as a one year program, open to 9th or 10th grade students. If the student begins as a 9th grade student, they would not remain in the program for the 10th grade year. Placement into this program is highly selective and must be approved by the school counselor as part of the four-year educational plan for the student. The program includes wood shop and an online Edgenuity math course. Students will receive 2 semesters of CTE Woodworking Program curriculum/benchmarks, as well as an appropriate math course. Projects will include two cabinets, a table, and several other small woodworking projects.

0079T59 HEALTH SCIENCE 1

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 national foundation skills standards, certification in American Heart Association CPR and First Aid, as well as human anatomy, 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 the program are eligible to apply to and interview for opportunities in Health Academy, Health Practicum, or OJT for the senior year. In addition, they may enroll in a two-week Certified Nursing Assistant (CNA) course at the BACC, which will take place immediately following the end of the school year.

HEALTH SCIENCE 2 (THREE OPTIONS)

079W61 HEALTH SCIENCE OJT PROGRAM

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.

079T61 HEALTH PRACTICUM

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.

079T99 HEALTH ACADEMY

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, 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, 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.

079T83 WELDING ENGINEERING TECHNOLOGIES 1

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 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 2

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. Second year students may also be eligible for FANUC Robotics training and certification. 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.