**Business and Finance**

**Accounting**  
**9, 10, 11, 12**

Are you interested in tracking the flow of money? This course is for you! One year in Accounting covers the complete accounting cycle in a single proprietorship beginning with the worth of a business and following it through the various business transactions. Completion of this course will enable you to manage the books of a small business.

**Advanced Accounting**  
**10, 11, 12**

*Prerequisite: Accounting*

This full-year course is for students who desire a solid background in accounting and are interested in pursuing it as a career. In addition to the topics covered in the first year, Advanced Accounting also tackles managerial accounting, cost accounting, not-for-profit accounting and financial analysis.

**Business Development (I-IV) (Semester-Repeatable)**  
**9, 10, 11, 12**

Would you like to run your own business? Here is your starting place. Small business is one of the largest growing sectors in the economy. This class will equip you with the tools you need to start your own business and make it successful. Successful students in this class will be able to create business documents such as press releases, projected revenue spreadsheets, employee and customer databases. Students will also learn how to plan and market their business to maximize their customer base. Students will also gain real world business experience working in the King’s Corner, our school store.

**Personal Finance (Semester)**  
**12**

*Prerequisite: Senior status*

Offered as a one semester course, Personal Finance helps seniors face the next phase of their lives. Covering topics from Budgeting, finance, taxes, and money management, to paying for college, and steps to take to help them join the workforce.

**BST Work Study**  
**12**

This course is an opportunity for one or two students to work at a local bank to gain real world experience in banking.

**Applied Arts**

**Intro to CAD (Semester)**  
**9, 10, 11, 12**

This course introduces students to Drafting, Computer-Aided-Design, and Architectural Design. You will learn concepts such as 3 view drawings, auxiliary views, dimensioning and tolerancing, surface developments, fasteners, assembly drawings, and floor plans. Students will also be introduced to 3d printing, laser engraving, and CNC router concepts. This course will also include community or school-related projects.

**Computer Assisted Drafting - CAD 2 (Semester)**  
**9, 10, 11, 12**

*Prerequisite: Intro to CAD*

This course is designed for novice through advanced students who are interested in project design/build. Students will prepare by learning the functions of a design program through a blended learning environment. Once the students have a grasp of the program’s functions, students will begin a project design phase. Dependent on the student’s prior classes, the student will choose a project to design and create blueprints. The students will then use the blueprints to machine a project.
Forestry, Surveying, and Engineering Principals (Semester-Repeatable) 10, 11, 12
Forestry topics including tree identification and natural resources management concepts will be complemented with surveying basics including learning how to properly use a plat book and topographic map along with developing compass and GPS skills to aid in an outdoor exploration at the CLK School Forest. Basic surveying skills used in earthwork cut-and-fill calculations will serve as an introduction to civil engineering. Electrical and mechanical engineering concepts will be explored following a hands-on minds-on approach where students develop various skills such as soldering, schematic design, testing, and some basic CAD/CAM as needed. Students will then use those skills to tinker and make various projects.

Precision Trades (Repeatable) 10, 11, 12
This course is designed to provide students with a broad understanding of opportunities in the field of machining, as well as basic machining operations. Supplemental components of the course will include blueprint reading, basic and finite measurement, machine and workplace maintenance, workplace safety, and career and employability skills. In addition, students will be introduced to the design process, computer-aided design, computer-aided machining, g-code, and computerized numerical control (CNC) machining. Students will have a wide range of hands-on experience to assist them in making career choices in the ever-expanding machine tool industries.

Introduction to Welding and Metal Fabrication (Semester) 9, 10
This is a semester long introductory course for students in the 9th grade who have no experience in welding or metal fabrication. Students will cover the safe operation of the various hand and power tools used in the metal fabrication industry. As students learn how to safely use the shop equipment they will be given assigned projects to fabricate. With instructor permission they will also have the opportunity to design, plan, and fabricate a project of their own. Individual project work will depend on each student's maturity level and skill level at the time. *** Any other student grade levels interested in this course need instructor approval.

Welding and Metal Fabrication 2 10, 11, 12
Prerequisite: Intro to Welding and Metal Fabrication
1. Occupational Orientation
2. Safety and Health for Welders
4. Shielded metal arc welding.
5. Gas Metal Arc Welding
6. Plasma Arc manual/CNC
7. Assigned and/or individual project fabrication.
8. Weld inspection and qualification
9. Welding competitions

CTE-Welding and Metal Fabrication (2-hour block) 10, 11, 12
This is a year long course which meets as a block class (2) hours per day. Students will cover and be exposed to the following State mandated CTE curriculum modules for Welding, Brazing and Soldering:
1. Occupational Orientation
2. Safety and Health for Welders
3. SMAW (shielded metal arc welding)
4. OFC (OxyFuel Gas cutting)
5. MOFC (Mechanized OxyFuel gas cutting)
6. GMAW-S (Gas Metal Arc Welding - short circuit transfer)
7. FCAW (flux cored Arc Welding)
8. GTAW (Gas Tungsten Arc Welding)
9. PAC (Plasma Arc Cutting) manual and CNC
10. Air Carbon Arc Cutting
11. Drawing, print reading, and weld symbols
12. Welding inspection and qualification testing
In addition to the (12) mandated modules students will also be expected to gain experience in Fabrication techniques related to the welding trade. This would include assigned project work, skill building exercises, and individual projects approved by the instructor.

Previous welding and/or shop experience is recommended but not required. Students do need to commit to a year long (2) hour per day format and be willing to travel to welding competitions and certification testing at various facilities located in Michigan and Wisconsin. Students need to have a higher maturity level and be able to stay on task and work independently or within small groups as directed.

**Intro to Woodworking (Semester)**  9, 10, 11, 12
This course will provide students with an opportunity to experience activities using materials, tools, and processes within this production area. Students will use a variety of hand and machine tools; planning, layout, processing in assembly, and finishing techniques related to wood products. Students will also be exposed to sales and marketing of constructed shop projects.

**Woodworking 2**  9, 10, 11, 12
*Prerequisite: Intro to Woods*
This class is designed for students to apply the skills they have learned in beginning Woodworking to more advanced projects. With the use of hand and power tools, the student will continue to hone their woodworking skills. Students will gain experience in planning, designing and building projects of their choosing.

**Carpentry**  11, 12
*Prerequisite: Woodworking II*
Carpentry is a yearlong course designed to expand the student's understanding of woodworking, primarily in the construction industry. Included in this are the study of the residential and commercial construction industry, occupational and career opportunities, environmental issues surrounding the construction industry, alternative construction methods (including, but not limited to: solar heating - passive and active, earth-sheltered construction, geothermal photovoltaics, wind produced power, micro-hydro power, etc.). This course is repeatable and students can take this course for a semester or for a year.

**Welding and Metal Fabrication Arts: (Semester-Repeatable)**  9, 10, 11, 12
Welding & Metal Arts is an introductory course exploring a variety of welding & metal fabrication techniques within the parameters of an artistic form of expression, rather than an industrial trade. Technical skills used in the welding and metal fabrication studio will be introduced via instructor demonstrations followed by student practice. Significant time will be dedicated to students improving and using those skills by way of conceptualizing and creating their own artistic and/or functional projects. Students will have the opportunity to use a variety of tools and procedures to produce their metal art projects that may include oxy-acetylene cutting, freehand as-well-as computer aided plasma cutting, MIG welding, and use of a variety of other metal fabrication tools such as grinders, bending & forming tools, drills, and band saws.

**Computer Science and Technology**

**Computer Technologies (Semester)**  9, 10, 11, 12
Computer technology is a 18 week survey course in 21st century skills. Students will be introduced to a variety of concepts including, coding, photo editing, digital storytelling, website design, computer repair, database creation and management. The class will stress computational thinking skills creation of digital media, and societal issues that have sprung from the rapid growth of technology in our world.

**AP Computer Science Principles**  9, 10, 11, 12
We live in a world where computers are everywhere, but do you understand how they work. Gain college credit, and a greater understanding of the technological world we live in. This course is for everyone. Code.org’s Computer Science Principles (CSP) curriculum is a full-year, rigorous, entry-level course that introduces high school students to the foundations of modern
computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing.

**Digital Publishing** 9, 10, 11, 12
Digital Publishing focuses on forms of reporting including news, features, events, sports and editorial/opinion writing. In addition, students will develop their editing and proofreading skills applying what they have learned to the real world via submissions to *The King's Kronicle*, Calumet High School’s student newspaper. Journalism also produces the Calumet High School yearbook, *Peace Pipe*. Students learn the technical aspects of producing a yearbook including page design, layout and picture composition/manipulation. Students receive experience in public relations during the selling of advertisement spots. This course is a full year in length.

**English Department**

**English 1** 9
English 1 is designed to provide a broad overview of literary study and communication skills. Students will read/discuss a variety of short stories, poems, plays (including Shakespearean drama), films, and novels. Composition assignments will enable the students the ability to interpret, analyze, and evaluate literature. Composition instruction will emphasize the development of editing skills, such as proper mechanics, spelling, etc.. Students will be guided toward a deeper understanding and appreciation of the various literary genres, and will work to better their written and oral communication skills.

**English 2** 10, 11
*Prerequisite: English I*
English 1 is intended to provide students with an introduction to process/research writing. Students are required to produce numerous pieces of writing (series of poems, short story, narrative/persuasive essay, or research essay). The Modern Language Association (MLA) method of parenthetical documentation will be used to document source material in the research component of the class. Students read various teacher-selected works. Composition assignments enhance the student's ability to interpret, analyze and evaluate literature. Overall objectives of the course include broadening the student's base of classic literature and studying the relationship between themes/language in literature.

**English 3** 11, 12
*Prerequisite: English II*
This course examines the development of American Literature from its beginnings to the start of the 20th Century. Focus is on the ideas and historical events that shaped America prior to 1900 and the correlation between the themes of early American literature and contemporary American life. Major concepts the course will revolve around include: the influence of Puritanism, culture of Native Americans, Romanticism, slavery and the Civil War, and Industrialization. Students will read/view representative works surrounding these topics in the forms of short stories, poetry, nonfiction, films and novels. A survey of American Literature from 1900 to the present, this course focuses on ideas and events that shaped modern America, and relationships that formed contemporary American life. The Roaring Twenties, the Great Depression, World Wars I/II, the Fifties, the Sixties and current events will be the major topics. Students will read and view representative works surrounding these times in the forms of short stories, poetry, nonfiction, film and novels.

**English 4** 11, 12
*Prerequisite: English III or AP Literature*
These influential works illustrate the lives of individuals struggling to be heard in a complex and alienating society. The genres of novel, short story, and drama are represented, introducing students to many literary art forms, spanning the literary world from the fifteenth century to the present. The course objectives include a growing awareness of values, ideas and problems peculiar to the human condition, as seen through the development of repeated literary themes. Success in this course requires active participation; grades will be based on journals, quizzes, tests, papers and oral presentations.
Early College Options:
See Gogebic Community College Course Handbook for descriptions

English Composition 1 – ENG101
Public Speaking – SPE101
English Composition 2 – ENG102
Modern American Literature – ENG212

Fine Arts Department

CHS Band 9, 10, 11, 12
The CHS Band is a select ensemble of students, which meets 5 periods per week to develop a high level of instrumental performance and overall appreciation of music. Admission is determined by fulfilling the requirements set forth by the director or audition. During the year, the Band takes on numerous forms. The early fall is devoted to Marching Band and performance at all home football games. During the remainder of the year, the Band is a concert band, playing 3 concerts, short programs, festivals and providing music at the baccalaureate and commencement ceremonies. The Band provides music for various athletic events throughout the school year. Regular attendance at these performances is expected of all band students. The CHS Band is a full school year course of study and performance. All members must be enrolled for both semesters of the school year.

CHS Choir 9, 10, 11, 12
The Calumet High School Choir is a choral ensemble open to all high school students. The choir meets daily to develop proper choral techniques and to prepare for a number of annual performances including concerts, local appearances and baccalaureate and commencement programs. Members of the Choir will also study fundamental music theory, sight singing and ear training. All choir members are expected to participate in all choir functions and performances, as well as observe rules and regulations as outlined by the choir director and the administration. The CHS Choir is a full school year course of study and performance. All members must be enrolled for both semesters of the school year.

Art I 9, 10, 11, 12
The main focus of art at this level is to introduce a variety of media with emphasis on creativity and expression of ideas through visual means. Exploration of techniques, use of tools and skill development are major goals.

Art II 11, 12
Prerequisite: Successful Completion of Art I
In the second year, the expectation is that skills will be further developed and brought to a new level of competence. Time is allowed for student directed exploration, more emphasis is placed on other artists styles and philosophies, as well as encouraging the student to analyze the quality of achievement, awareness of art in the environment, developing a vocabulary of art and producing work which reflects this.

Art III-IV 11, 12
Prerequisite: Successful Completion of Art I-II
At this level, students would probably be interested in a future career in the arts. These students are encouraged to work independently, do a research project and reflect the maturation of their creative, as well as problem solving skills. Students develop an understanding of the interplay of media, style, form and technique in the creation of their work, while developing a broader understanding of the meaning and importance of the visual world in which they live.

Studio Art 9, 10, 11, 12
This is a one-/two-semester course with special emphasis on traditional crafts and art from different cultures. Studio Art involves "hands-on" working with two and three-dimensional materials including sculpture, design and painting and may involve group work as well as individual project work.
Mathematics Department

Algebra 1

9

Algebra I is a class designed to complete the MMC requirement for Algebra I. This course is recommended for students who completed eighth grade mathematics or were not satisfied with their comprehension of Algebra I in the eighth grade. Upon completion of this class, a student will have satisfied the requirement for Algebra I.

Geometry

9, 10

Prerequisite: Algebra I

Geometry begins with a discussion of the sets of points, since all figures are defined in sets of points. Time is spent in proving geometric facts using the deductive reasoning method, learning both the direct/indirect method of deductive proofs and inductive reasoning. The following facts and definitions are included: angles, perpendicular/parallel lines, congruent triangles, polygons, circles, and other triangles. The proof for the Pythagorean Theorem is explored and simple trigonometry is introduced.

Geometry Concepts and Applications

10

Prerequisite: Algebra I, teacher recommendation

Geometry Concepts and Applications will focus on the skills recommended in geometry, probability and statistics through the Michigan Mathematics Standards. Those skills will be presented in a hands-on, activity-centered environment. Students will concentrate on applying their skills to career environments.

Algebra 2

10, 11, 12

Prerequisite: Geometry

Algebra 2 is a study of Relations and Functions: more specifically, it includes linear functions, graphing, systems of functions, quadratic functions, power functions, exponential and logarithmic functions, trigonometric functions and polynomials.

Algebra 2 A/B

11

Prerequisite: Geometry or Geometry Concepts and Applications, teacher recommendation

Algebra II A/B is a class designed to complete the first half of Algebra II This course is recommended for students who have completed Geometry Concepts and Applications. Upon completion of this class and Algebra II C/D, a student will have satisfied the requirements for Algebra II.

Algebra 2 C/D

12

Prerequisite: Geometry, Geometry Concepts and Applications and Algebra II A/B

Algebra II C/D is a class designed to complete the second half of Algebra II This course is recommended for students who have completed Geometry, Geometry Concepts and Applications and Algebra II A/B. Upon completion of Algebra II A/B, & C/D, a student will have satisfied the requirements for Algebra II.

Pre-Calculus

11, 12

Prerequisites: Geometry and Algebra II

Meant to be a transition to a math intensive field of study in college, studies will include: linear, quadratic, polynomial, exponential, logarithmic and trigonometric functions. Techniques for solving equations involving these functions will be taught. Graphs will be analyzed for common characteristics.

Statistics and Mathematical Reasoning

12

Students will use math in real world applications for problem solving and draw from different areas of math including algebra and geometry. This course also includes statistics and data analysis. Students will conduct studies to collect and analyze data, measure probability and recognize patterns. Open to seniors. Juniors may be admitted with department permission.
Early College Options:
See Gogebic Community College Course Handbook for descriptions
Prerequisite: Algebra 2 or Precalculus

College Algebra – MTH110
Trigonometry – MTH107
Calculus – MTH150
Calculus – MTH151

Physical Education/Health Department

Health/Physical Education 9
Health Education is considered an essential component of a balanced school curriculum. Today, more and more people have the desire to lead a healthy life. The class attempts to give the student practical knowledge about the physical, mental and social components of a healthy person. Some of the basic areas discussed in this course include consumer health, care of the body, nutrition, mental health, substances that modify behavior, prevention of disease, chronic health conditions, family life, social health, as well as community health issues. The high school Physical Education curriculum attempts to develop skills and an interest in a variety of leisure time activities, as well as some lifetime sport activities.

Health (Semester) 9, 10, 11, 12
Health Education is considered an essential component of a balanced school curriculum. Today, more and more people have the desire to lead a healthy life. The class attempts to give the student practical knowledge about the physical, mental and social components of a healthy person. Some of the basic areas discussed in this course include consumer health, care of the body, nutrition, mental health, substances that modify behavior, prevention of disease, chronic health conditions, family life, social health, as well as community health issues.

Personal Fitness 10, 11, 12
Prerequisite: Health/P.E.
This course will provide learning opportunities for students to further develop skills and knowledge related to fitness, physical competence, cognitive understanding and positive attitudes about physical activity that promote a healthy and physically active lifestyle. Key elements in this course will feature: exploring new methods of weight training, CrossFit training, proper lifting technique, cardiovascular fitness, and lifetime sports. Evaluation of this course will include fitness and strength testing on a quarterly basis, as well as weekly weight training journals, and PE activity participation.

Advanced Physical Education 10, 11, 12
Prerequisite: Health/P.E.
Advanced Physical Education students will look to improve in the areas of speed development, explosive strength, flexibility, agility, and absolute strength. Students will be expected to work at high intensity levels as well as work on proper strength and fitness form. This class will be designed to further their knowledge on high intensity/explosive cardiovascular fitness and resistance training. Evaluation of this course will be based on class participation, weight training logs, and strength and fitness testing.

Army Junior R.O.T.C.

General Description: Junior ROTC is offered during school hours but includes many out-of-class activities. It covers the basics in military history, government, technology awareness and current events, in addition, we also teach leadership skills (how to motivate others) and personal skills (how to study, take tests, interview for jobs). We also offer extracurricular activities such as Drill Team, Boys/Girls Color Guard, Skating Color Guard, Rifle Team, Honor Guard, Firing Squad and Raider Platoon. You might even have a chance to go to a JROTC summer camp where you'll train on confidence courses, play team sports and learn land navigation, as well as water safety.
It is important to note that No JROTC Cadet is under any obligation to join the military. Out interest is simply to give students an opportunity to develop and improve in ways schools generally don't offer. We aren't promoting the military lifestyle, but we do use military skills to teach self-discipline, confidence and pride in a job well done. However, students
who choose to enter any of the military services after graduation can receive one or two promotions based on the number of years in JROTC and the branch of service.

**Leadership Educational Training 1 (LET 1)**  
9, 10, 11, 12  
Prerequisite: None  
LET 1 is for first year cadets who have no prior knowledge about JROTC. These cadets will be taught the basics, consisting of an introduction to JROTC, communication skills, map reading, first aid, basic military knowledge, military history, the chain of command, basic marching skills, career opportunities, marksmanship and basic leadership. These skills will help develop students into better leaders.

**Leadership Educational Training 2 (LET 2)**  
10, 11, 12  
Prerequisite: LET 1  
LET 2 is for all those who have spent a full year in JROTC. Cadets in this category will begin to learn more intermediate skills such as the role of the U.S. Armed Forces, current events, physical fitness and technology awareness. The cadets will begin to have more leadership positions and by doing so, gain valuable leadership experience that can only help them during their high school years and beyond.

**Leadership Educational Training 3 (LET 3)**  
11, 12  
Prerequisite: LET 2  
LET 3 is for all those who have spent two full years in the JROTC program. Cadets in this category begin learning the advanced leadership skills required to hold the higher command and staff positions within the program. Some of these positions include Platoon Leaders, Special Team Commanders and Assistant Commanders. Some LET 3 cadets may be selected for Battalion Staff positions.

**Leadership Educational Training 4 (LET 4)**  
12  
Prerequisite: LET 3  
Primary emphasis for LET 4 will be placed on the practical application of cadet's leadership duties and responsibilities within the cadet battalion. The LET 4 year will be structured to allow cadets to perform their assigned command or staff duties, act as a class instructor for selected subjects such as First Aid, Reading, etc. Academic instruction will consist of self-paced study, suggested readings, seminars, vignettes and special assignments.

Advanced Leadership  
This course is by recommendation only. Students in this course have been chosen by JROTC Command and have special duties as assigned to each leadership position.

**Science Department**

**Physical Science**  
9  
Introduction to Physics [Semester 1] will cover the basic concepts of physics and the International System (SI) of Measure. The course will include: mechanics – forces, friction, motion, gravitation, work, power, and energy; waves and wave motion; electricity and magnetism – electrostatics, direct and alternating current, and basic magnetic effects. Introduction to Chemistry [Semester 2] will cover the basic concepts of chemistry. The course will include: composition of matter, including chemical/physical changes; atomic structure of the atom, electron configuration, chemical bonding; equation writing; gas laws, solids, liquids, and gases, as well as acids, bases, and salts.

**Biology**  
9, 10  
This first year Biology course is open to students in grades 9 through 11 who have not had a Biology course. The material covered in the course will be of general background for the life sciences. The content includes scientific inquiry, reflection and social implications; organization and development of living systems; interdependence of living systems; the environment, genetics and biodiversity.
**Human Anatomy & Physiology**  11, 12  
Prerequisite: Biology

Human Anatomy and Physiology is for students with a "C" average or better in Biology. This is a continuation course and will cover the human body in great detail. There will be an emphasis on independent study and the use of the scientific research method.

**Chemistry**  10, 11, 12  
Prerequisite: Physical Science

Chemistry is the study of matter and the changes it undergoes. This study consists of theory, problem solving, and experimentation. Five principle themes of chemistry will be studied including: 1) inquiry, reflection, and social implications of chemistry; 2) forms of energy; 3) energy transfer and conservation; 4) properties of matter; and 5) changes in matter.

**Forensic Science (Semester)**  11,12  
Prerequisites – Physical Science and Biology  
Corequisite – Chemistry

Forensic science, or forensics, is a course rich in exploration and lab investigation which applies many disciplines of scientific study such as biology/anatomy, chemistry, and physics to solving crimes. The course is concerned with gathering and analyzing the evidence from a criminal case with the purpose of revealing the truth. By analyzing fingerprints, footprints, blood spatter, traces and remains, forensic scientists seek to reveal the identities of criminals, as well as the complete facts related to criminal events. This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist.

**Physics**  11, 12  
Prerequisite: Algebra II (Chemistry is highly recommended)

Physics begins with an introductory unit on the concepts of physics and the International System of Measure. The remainder of the course involves five principal areas of physics: 1) Mechanics - includes the study of forces, friction, linear motion, gravitation, circular and rotary motion, work, power and energy, vectors and two-dimensional motion; 2) Waves and wave motion; 3) Acoustics (the study of sound); 4) Optics (the study of the nature and properties of light); and 5) Electricity and magnetism - includes studying electrostatics, direct current circuits and basic magnetic effects.

**Social Studies Department**

**World Geography 1 (Semester)**  10

World History and Geography 1 is an integrative discipline that studies change and continuity over time in people, places, and environments. The content of history consists of human beings, and how, at different times and in different places, people and their cultures and societies have changed and developed. Historians study the past to understand the present, drawing upon a vast storehouse of information about human behavior, relationships between people and environments, and the ways that people developed solutions to meet their perceived problems. World History is important for students in the 21st century, because the role the past plays in shaping the present. As a philosopher once remarked, “We live our lives forward, but we understand them backwards.” Units covered include: The United States and Canada, Latin America, Europe, Russia, and North Africa.

**Civics (Semester)**  10

Students will study the fundamentals of American Democracy in this one-semester course, by examining our heritage, constitution and citizenship. Students will also be introduced to the basic Economic concepts, making decisions, the role of the individual, the role of the government and taxes. Connections will be made between the U.S. and World Affairs. Community responsibility will also be stressed. This may include direct community service involvement. This course is required for all sophomores.
American History and Geography 11
As you study United States History and Geography, you will learn about the American Experience over time and space. You will encounter powerful and sometimes conflicting ideas while learning about people and events in different places and times. You will investigate our diverse and common traditions, and work to understand the complex interactions among various environmental, human, and social forces that have influenced and continues to influence America and Americans. Studying United States History and Geography connects us to people and events across time and space, illuminating the range and depth of human experience on grand as well as local scales. It involves an analytical study of the nation’s political ideals, or times and places where people or events challenged, violated, or expanded those ideas. Units include the aftermath of Reconstruction, the growth of an industrial & urban America, becoming a world power, WWI, progressivism and reform, the Great Depression, WWII & post-war America, the Cold War, the Civil Rights Movement, the Vietnam War, and beyond.

World History/Geography 2 (Semester) 12
This extension of World History/Geography I will include nations other than those already studied. Of necessity, the study of each nation will be brief, with greater emphasis on stronger nations. Study includes physical conditions and national boundaries. Students are expected to recognize many countries at random on an outline map at the conclusion of the course. Map making, map tests and projects will be used to prepare for this test. Also included will be the study of historical and cultural aspects of these nations. This course is required for all seniors.

Economics (Semester) 12
The Economics course covers the characteristics of the Capitalistic system, its meaning and importance - its history and evolution. Specific areas covered are: Production of goods and services, price determination and international economics. A major part of the course deals with the day-to-day problems of earning, spending and saving. The following areas are covered in this phase: 1. Consumer Rights and Protection - legal rights and responsibilities, consumer aids and assistance. 2. Economics for the Consumer - money and the economy. 3. Learning to Be a Better Buyer - why consumers buy, buying wisely, meeting housing needs, automobile financing and costs. 4. Managing Your Credit and Money - money management, saving and investing, understanding credit and using credit. 5. Taxes: Federal and State - computing your tax, using the appropriate forms, using tax booklets and tablets.

Local History (Semester) 10, 11, 12
This course will explore the rise and fall of the copper mining industry in the Lake Superior copper district and the communities and local economies that rose and fell with it. Through classroom resources, site visits and hands-on activities, we will examine the unique geology of our region that contributed to its richness, as well as the ethnic groups, technology, economics, social trends and historical context that tell the amazing story of the Copper Country.

Early College Options:
See GCC Course Handbook for descriptions
American Economy – ECO101
General Psychology – PSY101

World Language Department

Spanish I 9, 10, 11, 12
Spanish is the official language of 21 countries and is the newest, most widely spoken language in the western hemisphere, as well as the second most common language used in the U.S. In the first year, the student learns a basic vocabulary, the principle grammatical patterns of the language and will be able to introduce themselves to others, describe their physical states, discuss sports, hobbies, personalities, home, family, and school routines. Communicating in Spanish is the goal.

Spanish II 10, 11, 12
Prerequisite: Spanish I
Second year Spanish begins with a thorough review of vocabulary and sentence structures. More complex structures will be added and vocabulary will be doubled or tripled. Mastering the past tense (the "preterite") and several varieties of verb patterns will allow for reading a novel. Films, videos, and library research will present various topics in Hispanic culture.
Spanish III/IV 11, 12
Prerequisite: Spanish I & II
Third year Spanish consolidates the basic language patterns learned previously. Stress is on various aspects of communication such as reading, watching videos, presenting skills, conversations, and writing letters/compositions. Vocabulary is increased. Mastery of other verb tenses is acquired. Fluency improves.

French I 9, 10, 11, 12
In French I students will learn basic vocabulary and grammatical structures that are reinforced through spoken, aural, and written use of the language. Some of the topics that will be used to accomplish this include greetings, family, food, sports, weather, time, and colors. Students will also gain an understanding of French geography and culture through slideshows, films, and various projects throughout the year.

French II 10, 11, 12
Prerequisite: French I
French II begins with a thorough review of the vocabulary, grammar, and culture learned in French I and progresses to a more complex usage of the language. Mastering the past tense (passé compose) and several varieties of verb patterns will allow for increased understanding of films, short stories, and news articles. Students will also develop an increased understanding of the French-speaking world with an emphasis on the Western Hemisphere.

French III/IV 10, 11, 12
Prerequisite: French I&II

Other Courses

Careers 9, 10, 11, 12
This course allows students the opportunity to explore the elementary teaching profession by assisting in elementary classrooms. Students are required to document their experiences through journaling.

Peer 2 Peer Mentoring 9, 10, 11, 12
The purpose of the course is to provide opportunities for general education students to learn to relate to people with different needs and develop an increased understanding of individual differences. Students are matched with middle school students with special needs and asked to model and reinforce socialization and independence skills during supervised visits. Students enrolled in the course will receive training on how to assist students with disabilities and the importance of confidentiality. This content will be provided via an online training program. In addition to being a mentor, role model, and friend, students enrolled in the course will assist in modeling appropriate classroom behavior, organization of assignments and supplies, and focusing on what the teacher is saying. Assignments for the course include regularly scheduled journal entries, case conferences, and various larger projects.

Emerging Leaders 9, 10, 11, 12
In this course students will learn the qualities that make a good leader and use those skills to develop and conduct service projects for the school district and greater community.

CCISD Career and Technical Education
All CTE classes below are 2-hour long blocks at the Career and Technical Education Center in Hancock.

CTE Automotive Technology 11,12
The goal of the Automotive Technology program at the Copper Country Career and Technical Education Center is to
introduce and prepare students to explore or enter the automotive field. This program provides a “head to hands-on” approach that will lead to success in post-secondary training and into an expanding automotive-related field. Students involved in this program may range from technician trainees to pre-engineering students. Some of the instructional areas to be covered are:

• Introduction to Automotive Technology
• Front-End Alignment
• Engine Diagnosis
• Electrical Systems
• Suspension
• Brakes

HELPFUL BACKGROUND EXPERIENCE AND APTITUDES
It is strongly recommended that a student entering the Automotive Technology program have:
• Good Attendee
• Math, science, and mechanical aptitudes
• Ability to analyze and solve problems

CAREER ENTRY OPPORTUNITIES
• Independent Business Owner
• Automotive Engineer
• Automobile Dealership
• Trucking Company
• Factory
• Tire Company
• Garage or Service Station
• Utility Company
• Municipality
• Auto Parts Business

CTE Construction Technology
This course is designed to prepare students for job entry in the construction field or advanced work in a technical school. The Construction Technology program provides the student with knowledge and skills to build a house from the foundation to its completion. Students achieve a wide variety of hands-on experiences, all related to the multi-faceted construction industry as listed in the content area below. Rules of health and safety as prescribed by the National Safety Council will be adhered to in this course.

Carpentry Skills – Rough and Finish
• Understanding Architectural Drawings/Blueprints
• Safe Use of Hand and Power Tools
• Material Selection, Layout, Preparation, and Fabrication
• Concrete Work and Laying Up of Masonry Units
• Roofing
• Electrical Wiring
• Plumbing
• Drywall Handling and Finishing

HELPFUL BACKGROUND EXPERIENCE AND APTITUDES
• Add, subtract, multiply and divide
• Convert decimals to fractions
• Convert fractions to decimals
• Read a ruler proficiently to 1/32 of an inch
• Work outdoors in adverse weather conditions
• Climb ladders and work at heights
• Be agile and well-conditioned to work safely

CAREER ENTRY OPPORTUNITIES
Deck Builder, Mason, Rough Carpenter, Roofer, Finish Carpenter, Plumber, Wallboard Installer/Hanger, Electrician’s Assistant

CTE Health Occupations
The Health Careers program provides students with the opportunity to explore the many available career options in the healthcare profession. Students learn CPR (Cardio-Pulmonary Resuscitation), emergency first aid, medical terminology, basic anatomy and physiology, and the communication skills necessary for success in the healthcare field. After completion of the core curriculum, including-but not limited-to-communication skills, professionalism, infection control, legal and ethical issues in healthcare, confidentiality, and safety, students have an opportunity to experience hands-on training and job shadowing in local facilities with professionals in the careers, they would like to explore. Students also research the roles of various health care professionals through reading, accessing Internet sites, and viewing educational videos to learn more about the careers they may be interested in pursuing. Guest lecturers in the classroom share their knowledge and demonstrate
skills, while field trips allow students to get a first-hand look at many of the career options related to health care. Some of the instructional areas to be covered are:

- Communication
- Safety
- Rehabilitation
- Medical Ethics
- Vital Signs
- Emergency Procedures
- Body Structure
- Asepsis
- Medical Terminology
- CPR and First Aid Certification
- Personal Care
- Transporting/Transferring/Ambulating/Positioning

HELPFUL BACKGROUND EXPERIENCE AND APTITUDES

- Enjoy working and talking with people
- High school classes in Math, Biology, or Life Science
- A positive attitude and congenial disposition
- Ability to problem solve
- Willing to participate in team activities
- Computer literacy

CAREER ENTRY OPPORTUNITIES

- Home Health Aide
- Nuclear Medicine Technologist
- Recreational Therapy Aide
- Emergency Medical Technician
- Occupational Therapy Assistant
- Radiographer
- Dental Assistant
- Respiratory Therapist
- Medical Laboratory Technician
- Licensed Practical Nurse
- Physical Therapy Assistant
- Surgical Technician
- Dental Hygienist
- Veterinary Assistant

CTE Certified Nursing Assistant (CNA) 11, 12

The Certified Nursing Assistant program is ideal for students who would like to explore nursing as a possible career and for those who would like to work as a CNA. This course will provide training for students to obtain the skills necessary to take the state of Michigan’s competency evaluation exam to become a CNA. Upon successful completion of the exam, students will have their name placed on the state registry and will be eligible to work as a CNA in hospitals, nursing homes and with health care agencies. This course is a combination of theory, lab practicum (where students practice skills), and clinical instruction (students do direct patient care under the guidance of their instructor). Students enhance their verbal and written communication skills in a health care environment and learn the professional, legal and ethical issues related to health care. Students explore employment opportunities in this fast-growing field through field trips and guest speakers. Some of the instructional areas to be covered are:

- Introduction to Health Care
- Death and Dying
- Vital Signs
- Body Systems and Diseases
- Environmental Safety
- Patient Care Skills
- Medical Math
- Medical Terminology
- Ambulation
- Infection Control
- Acute Long Term Care
- Emergency Situations
- CPR and First Aid Certifications
- Restorative Care
- Communications

HELPFUL BACKGROUND EXPERIENCE AND APTITUDES

It is strongly recommended that a student entering the Certified Nursing Assistant program be able to:

- Enjoy working and talking with people
- Ability to problem solve
- High School classes in Math, Biology or Life Science
- Computer literacy
- A positive attitude and congenial disposition
- Willing to participate in team activities
- Computer literacy

CAREER ENTRY OPPORTUNITIES

- Certified Nursing Assistant
- Recreational Therapy Aide
- Home Health Aide
With one to two years of post-secondary education a student may become:

- Registered Nurse
- Licensed Practical Nurse
- Surgical Technician
- Emergency Med Tech

**CTE Early Childhood** 11, 12

Early childhood educators work in child care centers, preschools, and public schools with children through the age of eight. They play an important role in shaping the kind of individual a child will become. In addition to attending to children's basic needs for trust and understanding, they prepare curriculum that stimulates the children's physical, emotional, intellectual, and social growth. They help children explore and learn through the development of their interests which enhances independence and builds self esteem.

Early childhood professions are a link between the home and the school communicating with parents and meeting the needs of both children and families. They create a safe, healthy learning environment in which children can grow and develop. They may be classroom teachers, special needs aides, teaching assistants, parent and curriculum coordinators, or center directors.

**HELPFUL BACKGROUND EXPERIENCE AND APTITUDES**

- Enthusiasm for children
- Patience and humor
- Communication skills
- Respect for differences
- Creativity and flexibility

**RELATED CAREERS**

- Preschool Teacher
- Childcare Center
- Home-based provider
- Family Support Specialist
- Elementary Teacher

**CTE Marketing and Graphic Design** 11, 12

This course will take students through the dynamic world of marketing and merchandising. Real world marketing will be a part of every class using the Internet, computer simulations, projects and guest speakers. Topics to be covered include marketing information management, distribution, market planning, promotion/social media, product/service management, pricing, selling, risk management, finance and economics applied to business situations. Students will have the opportunity to become members of DECA, a student organization designed to prepare students for the fields of marketing, merchandising, entrepreneurship, and management.

**Related Careers**

- Marketing Manager
- Sales Representative
- Marketing Specialist
- Sales Manager
- Account Manager
- Human Resources Specialist
- Assistant Store Manager

**CTE Computer Networking / Cybersecurity** 11, 12

The Computer Networking Program focuses on configuration, implementation, and troubleshooting of a networked environment. Upon successful completion students should have the knowledge to:

1. Utilize the OSI and TCP/IP model, understand the importance of bandwidth, how it is measured and its limitations.
2. Perform LAN, WAN, and VLAN design, administration and troubleshooting
3. Demonstrate the ability to successfully cable LANs and WANs.
4. Understand routing fundamentals and subnets, and design an IP addressing scheme to meet design requirements
5. Identify key characteristics of securing a LAN and WAN network environment
6. Understand the business fundamentals and analysis of designing a network

**Related Careers**

- Personal Computer Repair Technician
- Help Desk Technician
- Network Designer & Salesperson
- Server Administrator
- Security Specialist
- Telecommunications Worker
- Programmer