

**Language**

**Arts**

**Courses**

## **English 9** (1220/1221)

*Duration...36 weeks*

*Credit.....1.0*

This course will focus on the close reading and critical analysis of both fiction and nonfiction; be introduced to and practice the core writing skills of grammar, usage, and punctuation; write originally and creatively in response to texts; further develop reading and vocabulary skills through Required Outside Reading; and apply learned reading and language skills to SAT practice. Above all, English 9 provides an atmosphere that encourages and rewards critical thinking and active participation.

*Prerequisites.....None*

*Grade Taught...9 (required)*

## **English 10** (1222/1223)

*Duration...36 weeks*

*Credit.....1.0*

English 10 examines world authors, poets, and essayists through a broad range of written works. Real-world and Common Core elements are emphasized. Auditory, speaking, critical reading, and written strengths are required. PSAT and SAT-prep provide an additional bridge to English 11. The curriculum utilizes both a traditional textbook as well as an online version that differentiates learning. Google Classroom is an additional vehicle for student assignments/portfolios.

*Prerequisites.....Successful completion of*

*English 9 or concurrently with English 9*

*Grade Taught...10 (required)*

## **English 11** (1224/1225)

*Duration...36 weeks*

*Credit.....1.0*

English 11 is a course that focuses mainly around American Literature. Using a standards-based curriculum, it will explore all types of genres of American poets and writers. Practice and mastery of the core writing skills will be woven into daily classwork. The American Literature textbook will be utilized, but the course will also go beyond the text to make connections to daily life. This course will spend time preparing for the SAT and other state assessments, as well.

*Prerequisites.....Successful completion of*

*English 10 or concurrently with English 10*

*Grade Taught..11 (required)*

## **English 12 (Composition/Research)**

(1226/1227)

*Duration...36 weeks*

*Credit.....1.0*

Senior English is designed to be a college/career-prep class that covers all ranges of writing: expository, creative, argumentative, literary analysis, and MLA/research. Real-world and Common Core elements are emphasized. The class is weighted heavily on papers of academic, personal, and career-ready relevance. Students are given opportunities for SAT/ACT retake preparation. R.O.R. (Required Outside Reading) and Newsela.com help supplement required reading/writing/grammar components within the class. Google Classroom is used for student assignments/portfolios.

*Prerequisites.....Successful completion of*

*English 11 or concurrent with English 11*

*Grade Taught...12*

**English 12 (Technical Reading  
And Writing)** (1226TW/1227TW)

*Duration...36 weeks  
Credit.....1.0*

TRW is designed for students who are pursuing a technical based certification or career which emphasizes all aspects of technical reading and writing as it applies to school-to-work, trade school, or military-bound students. Real-world and Common Core elements are emphasized through nonfiction and other forms of technical writing: reports, summaries, work orders, estimates, resumé upgrades, job applications, process/objective writing, etc. The class is also supplemented with evenly balanced writing/reading/grammar requirements through Newsela.com and/or other relevant sources. Public speakers/job-site trips will also be offered as time allows. Google Classroom is used for student assignments/portfolios.

*Suggested prerequisites....Career goal in a student's Educational Development Plan that is technical based  
Grade Taught...12*

**English for Business Professionals**  
(1996/1997)

*Duration...36 weeks  
Credit.....1.0*

This course will improve your English skills to help you infuse elements of both written and oral College bound writings, infused Common Core power standards, business communications including policies and legal ease, and College & Career Ready components. You will be asked to engage and reflect in a variety of activities that tap into your interests, college and/or career pursuits. These include, but are not limited to, the following: creative and critical writing, technical and objective writing, all relevant elements of the Common Core, college prep activities for a shot at ACT or SAT retakes.

*Prerequisites.....Successful completion of  
English 11  
Grade Taught...12*

## **Creative Writing** (1199)

*Duration...18 weeks*

*Credit.....0.5*

This elective course offers students an exciting chance to explore various genres of creative fiction. The elements of prose fiction are given the most attention (primarily short stories), but poetry and drama are also covered. In-class participation, discussion, and critique are emphasized.

*Prerequisites .....Successful completion of English 9*

*Grade Taught...10 through 12*

## **English Literature** (1198)

*Duration...18 weeks*

*Credit.....0.5*

This elective course goes beyond the standard English class and challenges students to embrace the entire process of literary analysis. Despite challenging reading and in-depth assignments, students feel satisfied that they are thinking critically and shaping their own conclusions based on evidence. Discussion and participation are required. Traditional “classics” are covered as well as more modern texts and films.

*Prerequisites .....Successful completion of English 9*

*Grade Taught...10 through 12*

## **Film Literature** (1600A/1600)

*Duration...18 weeks*

*Credit.....0.5*

In the Film Lit course, students will study and analyze pieces of popular films as they would look at a piece of written literature. Students will look at the cinematic elements of a film as well as thematic and storytelling elements to break down techniques that are used and connect the films to real world issues and events.

*Prerequisites .....None*

*Grade Taught...10 through 12*

# **Math Courses**

## **Algebra I** (1150/1151)

*Duration...36 weeks*

*Credit.....1.0*

Algebra I students will learn about expressions, equations and inequalities, and functions. All of these will be modeled and manipulated to gain an understanding of how they relate to each other and the world. Students will explore linear and exponential functions and systems to solve real world problems. Students will also explore concepts of exponents and use exponents within expressions, equations, inequalities, and functions.

*Prerequisites.....None*

*Grade Taught...9 (unless taken for High School credit in Middle School)*

## **Geometry** (1152/1153)

*Duration...36 weeks*

*Credit.....1.0*

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. It also introduces the concepts of writing proofs to solve/prove properties of geometric figures. Other topics include

## **Geometry (cont'd)**

logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument.

*Prerequisites.....Successful completion of Algebra I*

*Grade Taught...9 and 10*

## **Advanced Geometry** (1153B/1153C)

*Duration...36 weeks*

*Credit.....1.0*

Advanced Geometry is a faster paced, more in-depth version of Geometry. This course dives deeper into concepts that are required under the Common Core curriculum as well as interjects the concepts of proofs to a greater degree. Topics covered include reasoning, geometric figures, parallel lines, polygons, perimeter, area, and surface area analysis, congruent figures, trigonometry and analytic geometry. This class is designed to challenge students who are looking to be more prepared for college and also for the SAT.

*Prerequisites.....Successful completion of Algebra I - Application & PSAT test scores required.*

*Grade Taught....9 and 10*

**Algebra II** (1155E/1155F)

*Duration...36 weeks*

*Credit.....1.0*

In Algebra II students study four main units. The units are: univariate data, probability, bivariate data, and trigonometry. Students do further work with polynomial, exponential, logarithmic, and trigonometric functions. Algebraic concepts are integrated throughout and modeling of real life situations is emphasized. Graphing calculators are used to study functions, explore relationships between equations and the graphs they generate, as well as analyze data.

*Prerequisites.....Successful completion of Geometry*

*Grade Taught...10 and 11*

**Functions, Statistics and Trigonometry (FST)** (1156/1157)

*Duration...36 weeks*

*Credit.....1.0*

In FST, students study descriptive and inferential statistics, combinations, probability, and do further work with polynomial, exponential, logarithmic, and trigonometric functions. Algebraic and statistical concepts are integrated throughout, and modeling of real-world situations is emphasized. Graphing calculators are used to study functions, explore relationships between equations and their graphs to generate and analyze data, and develop limit concepts.

*Prerequisites.....Successful completion of Algebra II*

*Grade Taught...11 and 12*

**Calculus** (1158/1159)

*Duration...36 weeks*

*Credit.....1.0*

Calculus studies limits and continuity, derivatives and their applications, and techniques of integration. Infinite series, conic sections, and parametric equations will also be studied. Graphing calculators are used to study functions, generate and analyze data, develop limit concepts, and solve integration problems.

*Prerequisites.....Successful completion of Functions, Statistics and Trigonometry FST*

*Grade Taught...12*

**Robotics** (1023C)

*Duration...36 weeks*

*Credit.....1.0*

The Robotics class is based on the First Robotics Competition Season. Students will learn computer aided drafting, how to work with tools, coding, motors, drive-train designs, manipulator designs, woodworking and ultimately, they will build a competitive robot. Note: this is not a play with robots class. Students are expected to take initiative, think critically, be resourceful, be focused/efficient and follow through.

*Prerequisites.....None*

*Grade Taught...9 through 12*



# Science Courses

## **General Science** (1382/1383)

*Duration...36 weeks*

*Credit.....1.0*

This class will be composed of Physical Science (physics and chemistry) and Earth Science (geology). General Science is a course designed around the Next Generation Science Standards. Therefore, the method that students use to learn science may be different from past experiences.

Exploration, collaboration, critical thinking and problem solving will be emphasized.

The purpose of this course is for students to gain more understanding of how the world and universe function. The following topics may be studied in this course: motion, forces, electromagnetism, energy, material properties, atomic properties, chemical reactions, light/electromagnetic waves, physical geology, historical geology and earth systems.

*Prerequisites.....None*

*Grade Taught...9*

## **Biology** (1384/1385)

*Duration...36 weeks*

*Credit.....1.0*

Biology is the study of life. This course has a strong emphasis on inquiry-based learning of life science phenomena. Students will use the following practices to answer questions about those phenomena: asking questions, developing and using models,

## **Biology (cont'd)**

planning and carrying out investigations, analyzing and interpreting data, using math and computational thinking, constructing explanations, engaging in argument from evidence, and obtaining, evaluating, and communicating information. Topics covered include: From Molecules to Organisms, Ecosystems, Heredity and Biological Evolution.

*Prerequisites.....Successful completion of General Science*

*Grade Taught...10*

## **Chemistry in Action** (1386A/1386B)

*Duration...36 weeks*

*Credit.....1.0*

Students will continue to build on what they have learned in General Science and Biology. Just like in the earlier classes, there will be a focus placed on observing, experimenting, and researching the topics being explored. Topics will include the changing Earth, astronomy, chemical reactions, chemical equilibrium and kinetics, the second law of thermodynamics, gravitational and electrostatic forces.

*Prerequisites.....Successful completion of Biology*

*Grade Taught...11*

## **Advanced Chemistry** (7201/7202)

*Duration....36 weeks*

*Credit.....1.0*

This course is offered in even school years only (2020, 2022, etc) and is highly recommended if a student knows he/she will need to take chemistry at college. It is a college-prep course that will provide students with more in-depth topics in chemistry and cover chemistry concepts not previously covered in earlier science classes. Topics will include reactions in aqueous solutions, thermochemistry, modern atomic theory, acids and bases, oxidation-reduction, radioactivity, and introduction to organic chemistry and biochemistry.

*Prerequisites.....Successful completion of Biology*

*Grade Taught...11 and 12*

## **Physics** (1388/1389)

*Duration...36 weeks*

*Credit.....1.0*

This course is offered during odd school years only (2019, 2021, etc) and is highly recommended if a student knows he/she will need to take physics at college. It will provide students with a working knowledge and hands-on experience with physics. It is a college-prep course that will cover mechanics, forces, Newton's laws, two-dimensional motion, energy and

## **Physics (cont'd)**

momentum. If time permits, optics and electricity are also studied.

*Prerequisites.....Concurrent enrollment or completion of Biology and Algebra II*

*Grade Taught...10, 11 and 12*

## **Anatomy & Physiology** (1390/1391)

*Duration...36 weeks*

*Credit.....1.0*

Anatomy and Physiology is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body, biochemical composition, and major body systems along with the impact of diseases on certain systems. Students will engage in many topics and competencies related to truly understanding the structure and function of the human body. Additional topics include water quality, genetic engineering, and forensics.

*Prerequisites.....Successful completion of Biology and Physics/Chemistry in*

*Action/Advanced Chemistry*

*Grade Taught...12*

## **Introduction to Flight** (1919/1920)

*Duration.....36 weeks*

*Credit.....1.0*

The Introduction to Flight course will use SkyOp's Drone Training Curriculum which offers students the opportunity to become an FAA-certified commercial drone pilot, ready to do aerial imaging, data collection, and autonomous flight programming. The class will include a basic overview of drones, preparation for the FAA unmanned aircraft test, hands on drone flight training, drone photo and video production, and an introduction to autonomous drone flight.

This course contains a rigorous curriculum and may require time outside of the regularly scheduled class period. Students will be evaluated on their successful acquisition of their drone certification.

*Prerequisites.....Successful completion of Algebra I and Geometry. Must be 16 before certification test.*

*Grade Taught....11 and 12*

# **Social Studies Courses**

## **U.S. History** (1401/1402)

*Duration...36 weeks*

*Credit.....1.0*

This course is designed to cover the modern era of American History occurring after the Civil War. It begins with foundational expectations to help students draw upon their previous study of American History and to establish some knowledge of historical analysis. Content topics covered throughout the course include 19th and 20th century developments: growth of an industrial and urban America, progressivism and reform, the Great Depression, World War I and II, the Cold War, civil rights, and domestic policies.

*Prerequisites.....None*

*Grade Taught...9*

## **Government** (1403)

*Duration...18 weeks*

*Credit.....0.5*

This course will study the principles of democracy and political behavior. The course material and activities are designed to allow all students to become active participants in the learning process. Emphasis will be placed on connecting government to the everyday lives of high school students, as well as participation in a wide range of civic exercises.

## **Government (cont'd)**

*Prerequisites..... Successful completion of U.S. History*

*Grade Taught...10*

## **Economics** (1404)

*Duration...18 weeks*

*Credit.....0.5*

In economics, students will learn how the economy works and how to make sound economic choices and financial decisions. The main concentration of study is on microeconomics, or the examination of the interaction between consumers, businesses and the marketplace, as well as the government's role in the marketplace. Students will also explore macroeconomics by examining the economic goals of high employment, stable prices, and economic growth, while considering the economic flow of goods and services to measure the state of the economy. Students continue to learn about the role of government in the U.S. economy, as well as in the interdependent global marketplace.

*Prerequisites.....Successful completion of U.S. History*

*Grade Taught...10*

## **World History** (1405/1406)

*Duration...36 weeks*

*Credit.....1.0*

This course is designed to give students an appreciation of global history. Further, the World History course teaches students to use past events to guide present and future actions, both personally and in global matters. Topics covered are: Ancient Greece, Rome and the rise of Christianity, Europe in the Middle Ages, Age of Exploration, The Industrial Revolution, World War I, The Rise of Dictators, World War II, The Cold War, and Current Events to be incorporated throughout the year.

*Prerequisites.....Successful completion of Government and Economics*

*Grade Taught...11 and 12*

## **Sociology** (1410)

*Duration...18 weeks*

*Credit.....0.5*

Sociology, by definition, is the scientific study of society and human behavior. The main objective of this course is to create an awareness and understanding of the basic principles of sociology. Through the use of textbooks, technology, research, interactive assignments and projects, students will become familiar with various aspects and principles of sociology, such as sociological

## **Sociology (cont'd)**

research techniques, social structure, group dynamics and demography, etc.

*Prerequisites.....None*

*Grade Taught...11 and 12*

## **Social Issues** (1411)

*Duration...18 weeks*

*Credit.....0.5*

The main objective of this course is to create an awareness and understanding of patterns in current social issues. Through the use of textbooks, lectures, class discussions, technology, research, interactive assignments and projects, students will become knowledgeable of various social issues. Students will be encouraged to express personal opinions related to each issue, supported by research. Relevant current events will be discussed in class. Students will be introduced to: social stratification, population/demography, family structure/social classes and social inequalities.

*Prerequisites.....None*

*Grade Taught...11 and 12*

# **World Language Courses**



**Spanish I** (1501/1502)

*Duration...36 weeks*

*Credit.....1.0*

Spanish I is designed to give students a basic understanding of sound structures, pronunciation, general vocabulary, culture, and basic grammar. Four skills will be emphasized: reading, writing, speaking, and listening. Instruction will focus on the skills needed to carry on a simple conversation. Students will create cultural projects, cook Hispanic food, engage in Duolingo online learning, and learn through Spanish music.

*Prerequisites.....None*

*Grade Taught...10 through 12*

**Spanish II** (1503/1504)

*Duration...36 weeks*

*Credit.....1.0*

Spanish II reinforces the skills learned in Spanish I and builds upon that knowledge. Students further develop their listening, speaking, reading, and writing skills using the present and past tense. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Instruction will focus on the skills needed to carry on a simple conversation.

*Prerequisites.....Successful completion of Spanish I*

*Grade Taught...11 and 12*

**Spanish III** (1505/1506)

*Duration...36 weeks*

*Credit.....1.0*

Spanish III and IV are independent study courses. The student will work with the teacher to develop a plan for continuing their development and understanding of the Spanish language.

*Prerequisites.....Successful completion of Spanish II*

*Grade Taught...11 and 12*

**Spanish IV** (1507/1508)

*Duration...36 weeks*

*Credit.....1.0*

Spanish III and IV are independent study courses. The student will work with the teacher to develop a plan for continuing their development and understanding of the Spanish language.

*Prerequisites.....Successful completion of Spanish III*

*Grade Taught...12*

## **American Sign Language I** (1112/1113)

*Duration...36 weeks*

*Credit.....1.0*

ASL I is designed to introduce students to American Sign Language. Students will learn the basics of the manual ASL alphabet and numbers, ASL grammar, vocabulary, classifiers, and Deaf culture. Five skills will be emphasized for sign production: Handshape, Location, Palm Orientation, Movement, and Non-Manual Signals. Instruction will focus on the skills needed to carry on a simple conversation in ASL.

*Prerequisites.....None*

*Grade Taught...9 through 12*

## **American Sign Language II** (1114/1115)

*Duration...36 weeks*

*Credit.....1.0*

ASL II is designed to improve and expand on ASL I skills, vocabulary, and Deaf culture obtained in ASL I. Students will enhance their receptive and expressive ASL skills. This is primarily a voices-off class, meaning a majority of the class will be conducted without talking. A variety of media resources will be utilized to enhance student's comprehension skills and expose students to a variety of signers.

*Prerequisites.....ASL I*

*Grade Taught...9 through 12*

## **Cultural Studies** (1501A/1501B)

*Duration....18 weeks*

*Credit.....0.5*

This course is centered around the people and traditions of various cultures involving an in-depth look at the world's major cultures. The study of each of these cultures will focus upon historical and present-day culture and geography, family life and structure, social organizations, attitude on education, religious beliefs and institutions, economic life, political trends, and the intellectual and artistic accomplishments of men and women within the culture. The study of each of the cultures will be supplemented by the development of reading, writing, research, geography, critical thinking, study skills/note-taking, technology use and presentation skills.

*Prerequisites.....None*

*Grade Taught...9 through 12*

**Computer  
Tech and  
Business  
Courses**

## **Computer Tech I** (1801/1802)

*Duration...36 weeks*

*Credit.....1.0*

Computer Technology I emphasizes the mastery of computer skills including keyboarding and Microsoft Office applications. Management and support concepts, entrepreneurship, and basic computer maintenance is also addressed. Skills will be introduced through computer applications in Microsoft Office 2016 and G Suite counterparts including word processing, database management, presentation software, spreadsheets, and desktop publishing. Soft skills, problem solving, teamwork, communication, ethics, employability skills, and career planning are also covered in this course. In the career planning unit students will research and report on specific career goals and develop and update their Educational Development Plan. In addition, students will develop a resume and cover letter and learn how to complete job applications and practice interview skills. The State of Michigan Department of Education and employers have determined these skills and concepts to be essential for entry-level employment.

*Prerequisites.....None*

*Grade Taught....9*

## **Computer Tech II - Financial Management** (1800/1800B)

*Duration...36 weeks*

*Credit.....1.0*

This course is designed to provide the student with lifelong financial skills. This includes learning about planning, budgeting, investing, saving options, as well as money management analysis. Students will design personal and household budgets, simulate use of checking and savings accounts, demonstrate knowledge of finance, debt, and credit management, evaluate and understand insurance, and taxes. Students will also learn how to start a business using marketing concepts, financial principles, conducting research, and organizing and developing a plan to promote the products and/or services. The course builds a foundation for further studies in business and helps them develop the business knowledge and skills they will need in their everyday lives. This course is part of the Michigan Career and Technical Education Program (MCCTE) Business Management and Administrative Pathway.

*Prerequisites.....Successful completion of  
Computer Tech I*

*Grade Taught...10 through 12*

**Computer Tech II - Publications** (1615/1616)

*Duration...36 weeks*  
*Credit.....1.0*

This course combines leadership skills, marketing, graphic design, copy-writing, and photography as we work together to create the CHS yearbook. At the end of the year, each student will have pride in the fact that they have created a professional, well-written and designed publication that will live on long past their years at Clare High School. Students must complete the application process to enroll.

*Prerequisites.....Successful completion of Computer Tech I & application process*  
*Grade Taught...10 through 12*

**Computer Science** (1023B/1023D)

*Duration...36 weeks*  
*Credit.....1.0*

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. The goal of this course is to help create leaders in computer science fields and attract and engage those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities.

*Prerequisites.....None*  
*Grade Taught...9 through 12*

**Computer Tech II - Digital Photo** (1805)

*Duration...18*  
*Credit.....0.5*

This course provides students with fundamental skills in digital photography. Students will apply the principles of design and learn how to incorporate color, typography, and design into graphics. The software utilized for this course will include Adobe Photoshop, Lightroom, Premiere, and Animate. These programs have become an industry standard and are used in many different disciplines including graphic design, digital photography, web design, video editing and animation. In addition, students will create an online portfolio showcasing their work.

*Prerequisites.....Successful completion of Computer Tech I*  
*Grade Taught...10 through 12*

**Computer Tech II - Digital Video** (1806)

*Duration...18*  
*Credit.....0.5*

This course provides students with fundamental skills in digital video. Students will apply the principles of design and learn how to incorporate color, typography, and design into videos. The software utilized for this course will include Adobe Photoshop, Lightroom, Premiere, and Animate. These

## **Computer Tech II -**

### **Digital Video (cont'd)**

programs have become an industry standard and are used in many different disciplines including graphic design, digital photography, web design, video editing and animation. In addition, students will create an online portfolio showcasing their work.

*Prerequisites.....Successful completion of Computer Tech I*

*Grade Taught...10 through 12*

## **Multimedia/Digital Design I** (1807/1808)

*Duration...36 weeks*

*Credit.....1.0*

This course provides an introduction to graphic and web design. Students will apply the principles of design and learn how to incorporate color, typography, layout and design into graphics and websites. Students will learn skills in graphic design and editing using Adobe Photoshop and Illustrator. Students will also learn website design using html and css coding and Adobe Dreamweaver. These programs have become an industry standard and are used in many different disciplines including graphic design, digital photography, web design, video editing, and animation. In addition, students will create an online portfolio showcasing their work.

*Prerequisites.....Successful completion of Computer Tech I*

*Grade Taught...10 through 12*

## **Multimedia/Digital Design II** (1809/1810)

*Duration...36 weeks*

*Credit.....1.0*

This course provides continuing instruction in graphic and web design. Students will apply the principles of design and learn how to incorporate color, typography, layout and design into graphics and websites. Students will learn skills in graphic design and editing using Adobe Photoshop and Illustrator. Students will also learn website design using html and css coding and Adobe Dreamweaver. These programs have become an industry standard and are used in many different disciplines including graphic design, digital photography, web design, video editing, and animation. In addition, students will create an online portfolio showcasing their work.

*Prerequisites.....Successful completion of Multimedia/Digital Design I*

*Grade Taught...11 through 12*

## **Accounting I** (1811/1812)

*Duration...36 weeks*

*Credit.....1.0*

This course is designed to provide students with the skills basic to the accounting departments of small businesses. It is a crucial component of academic backgrounds for students who will pursue entrepreneurial adventures, professional careers, or small business ownership. This course is part of the Michigan Career and Technical Education Program (MCCTE) Business Management and Administrative Pathway.

*Prerequisites.....Successful completion of Computer Tech I*

*Grade Taught...11 through 12*

## **Accounting II** (1813/1814)

*Duration...36 weeks*

*Credit.....1.0*

Advanced Accounting is designed to build on skills learned in Accounting I. Students will also learn to be proficient in automated systems and advanced applications which require greater analysis and decision making. This course is part of the Michigan Career and Technical Education Program (MCCTE) Business Management and Administrative Pathway.

*Prerequisites.....Successful completion of Accounting I*

*Grade Taught...11 through 12*

## **CO-OP**

*Duration...36 weeks*

*Credit....05. Credit earned per hour*

Co-Op is a work-based learning experience. Co-Op involves the school, student, parents/guardians, and the business community and includes structured work experiences that are directly related to the student's educational program. These structured work experiences may be paid or unpaid and they carry academic credit for students that are participating and successfully complete the program. Because it is the student's responsibility to secure their Co-Op position, Co-Op is not a job placement service; it is a program which enables students to receive career exploration/training in an established, supervised work environment. This allows the student to experience actual employment conditions, while also continuing their academic studies.

*Prerequisites.....Completed Application and updated EDP*

*Grade Taught....11 through 12*

# **Music Courses**



**Symphonic Band** (1619/1620)

*Duration...36 weeks*

*Credit.....1.0*

Comprising of students grades 9 through 12, this ensemble performs high quality, ability-level wind band literature, maintaining focus on National and State Arts Standards and Benchmarks. Special interdisciplinary events are held frequently. All performances are considered natural outgrowths of the school day activities.

*Prerequisites.....Middle School band*

*Grade Taught...9 through 12*

**Jazz Band** (1621/1622)

*Duration...36 weeks*

*Credit.....1.0*

Jazz Band is available to all interested high school band members who play an instrument traditionally found in the Big Band orchestration: saxophone, trumpet, trombone, guitar, piano, bass, and drums. Other instruments may be included depending upon musical requirements and student abilities. All performances are considered natural outgrowths of the school day activities.

*Prerequisites.....Current member of band*

*Grade Taught...9 through 12*

**Advanced Music Theory & History**

(1625/1626)

*Duration...36 weeks*

*Credit.....1.0*

This course is designed for serious music students who are entertaining the possibility of studying music beyond the high school level. Fundamentals of music theory and units on various musical periods and styles are included. This course is closer to an independent study than a regimented course; direct instruction will be a component of content delivery.

*Prerequisites.....Current member of band*

*Grade Taught...10 through 12*

**Physical  
Education  
And Life  
Manage-  
ment  
Courses**

## **Physical Conditioning 9** (1757E)

*Duration...18 weeks*

*Credit.....0.5*

This course is designed to provide information needed to make important decisions about health, wellness, and individual lifestyle. Students will learn the importance of staying physically active and participate in a multitude of sports throughout the semester. An emphasis will be placed on the student's acquiring knowledge and assuming responsibility for one's own health.

*Prerequisites.....None*

*Grade Taught...9*

## **Advanced Physical Education I** (1752/1753)

*Duration...18 weeks*

*Credit.....0.5*

Advanced PE is a course designed for students who wish to focus on improving their skills and understanding in a multitude of athletic activities including basketball, football, floor hockey, softball, speed and agility, and assorted other sports. This advanced understanding is achieved through participation in and study of the rules and regulations of each activity.

*Prerequisites.....Successful completion of*

*9th Grade Physical Education*

*Grade Taught...10 through 12*

## **Advanced Physical Education II** (need course numbers)

*Duration...18 weeks*

*Credit.....0.5*

Advanced PE is a course designed for students who wish to focus on improving their skills and understanding in a multitude of athletic activities including basketball, football, floor hockey, softball, speed and agility, and assorted other sports. This advanced understanding is achieved through participation in and study of the rules and regulations of each activity.

*Prerequisites.....Successful completion of*

*Advanced Physical Education I*

*Grade Taught...11 through 12*

## **Health** (1758)

*Duration...18 weeks*

*Credit.....0.5*

This course is designed to provide information needed to make important decisions about health, wellness, and individual lifestyle. Topics related to health such as personal health and wellness, social and emotional health, safety, nutrition, physical activity, alcohol, tobacco, and other drugs (ATOD), and sexuality education will be discussed. An emphasis will be placed on the student's acquiring knowledge and assuming responsibility for one's own health.

*Prerequisites.....None*

*Grade Taught...9*

## **Advanced Health** (1759ADV/1760ADV)

*Duration...18 weeks*

*Credit.....0.5*

Advanced Health is a course that covers content and skill work in general areas of Health Education. The course will build, develop and implement students' life-long health skills in many areas such as: mental health and well, being, nutrition and fitness, and growth and development.

*Prerequisites.....Successful completion of 9th Grade Physical Education and Health*

*Grade Taught...10 through 12*

## **Family Management** (1765)

*Duration...18 weeks*

*Credit.....0.5*

This course is about establishing and maintaining good relationships with friends, family, teachers, boy/girl friends, and eventually husbands/wives. Since forming and functioning in relationships is such a critical area of our lives, this course is to help students learn to strengthen them. The main focus of this course, therefore, is on the interpersonal communication skills and techniques.

*Prerequisites.....Successful completion of Physical Education and Health*

*Grade Taught...10 through 12*

## **Nutrition** (1247)

*Duration...18 weeks*

*Credit.....0.5*

Students in nutrition will learn guidance for choosing healthy foods in order to prevent diet-related chronic diseases that continue to affect the population of the United States. Students will explore the most current scientific evidence related to nutrition and well-being, plan and prepare nutritious meals, and focus on healthy eating patterns.

*Prerequisites.....Successful completion of Physical Education and Health*

*Grade Taught...10 through 12*

## **Physical Conditioning I**

(1756/1757)

*Duration....18 weeks*

*Credit.....0.5*

This class is designed to offer students an opportunity to learn and understand their bodies both physically and mentally. It will encourage students to maintain a healthy lifestyle in school and beyond. This class will include having students understand and assess their physical needs. It includes cardiovascular conditioning, strength training, flexibility training, aerobic and anaerobic exercise and utilizing a variety of workout programs. Students will also do work on goal setting, researching information, and developing their own exercise program.

*Prerequisites .....Successful completion of  
9th Grade Physical Education*

*Grade Taught...10 through 12*

## **Physical Conditioning II**

(1754/1755)

*Duration....18 weeks*

*Credit.....0.5*

This class is designed to offer students an opportunity to learn and understand their bodies both physically and mentally. It will encourage students to maintain a healthy lifestyle in school and beyond. This class will include having students understand and assess their physical needs. It includes cardiovascular conditioning, strength training, flexibility training, aerobic and anaerobic exercise and utilizing a variety of workout programs. Students will also do work on goal setting, researching information, and developing their own exercise program.

*Prerequisites .....Successful completion of  
Physical Conditioning I*

*Grade Taught...11 through 12*

# **Art Courses**

**Art I** (1607/1608)

*Duration...36 weeks*

*Credit.....1.0*

This is an introductory course to the visual arts. The content covers a variety of concepts in drawing, painting, color theory, three-dimensional design, pottery, and techniques in the arts. Students will learn higher order thinking skills through creative problem solving and reflection.

*Prerequisites.....None*

*Grade Taught...9 through 12*

**Art II** (1609/1610)

*Duration...36 weeks*

*Credit.....1.0*

This course is designed to further develop the concepts and skills learned in Art I. The content covers a variety of concepts in drawing, painting, color theory, three-dimensional design, pottery, and techniques in the arts. Students will learn higher order thinking skills through creative problem solving and reflection.

*Prerequisites.....Successful completion of Art I*

*Grade Taught...10 through 12*

**Art III** (1611/1612)

*Duration...36 weeks*

*Credit.....1.0*

This course is meant for 3rd level advanced art students. The content covers a variety of concepts in drawing, painting, color theory, three-dimensional design, pottery, and techniques in the arts. Students will learn higher order thinking skills through creative problem solving and reflection.

*Prerequisites.....Successful completion of Art II*

*Grade Taught...11 and 12*

**Art IV** (1613/1614)

*Duration...36 weeks*

*Credit.....1.0*

This course is meant for 4th level advanced art students. The content covers a variety of concepts in drawing, painting, color theory, three-dimensional design, pottery, and techniques in the arts. Students will learn higher order thinking skills through creative problem solving and reflection.

*Prerequisites...Successful completion of Art III*

*Grade Taught...12*

## **Clay/Sculpture I** (1606B)

*Duration...18 weeks*

*Credit.....0.5*

In this course the elements and principles of 3-D design are studied and utilized to create art that exists in three dimensions. Various artists, art styles, and genres will be explored. The ceramics processes of assemblage, hand building, and wheel throwing will be used to create artwork based on a theme or concept.

*Prerequisites.....Successful completion of Art I*

*Grade Taught...10 through 12*

## **Clay/Sculpture II** (1606BB)

*Duration...18 weeks*

*Credit.....0.5*

In this course the elements and principles of 3-D design are studied and utilized to create art that exists in three dimensions. Various artists, art styles, and genres will be explored. The ceramics processes of assemblage, hand building, and wheel throwing will be used to create artwork based on a theme or concept.

*Prerequisites.....Successful completion of Clay/Sculpture I*

*Grade Taught...11 through 12*

## **Drawing/Painting I** (1606A)

*Duration...18 weeks*

*Credit.....0.5*

In this course the elements and principles of 2-D design are studied and explored. Various artists, art styles, and genres will be explored. The drawing and painting processes will be used to create artwork based on a theme or concept.

*Prerequisites.....Successful completion of Art I*

*Grade Taught...10 through 12*

## **Drawing/Painting II** (1606AA)

*Duration...18 weeks*

*Credit.....0.5*

In this course the elements and principles of 2-D design are studied and explored. Various artists, art styles, and genres will be explored. The drawing and painting processes will be used to create artwork based on a theme or concept.

*Prerequisites.....Successful completion of Drawing/Painting I*

*Grade Taught...11 through 12*



# **Industrial Arts Courses**

### **Wood Tech I** (1902)

*Duration...18 weeks*

*Credit.....0.5*

A first or exploratory course in woodworking, providing instruction concerning the tools, machines, materials, and processes basic to the specific industry. Hand tool operations and basic machine procedures are introduced. The student learns to thoughtfully plan his/her work and develops skills in using tools and machines.

*Prerequisites.....None*

*Grade Taught...9 through 12*

### **Wood Tech II** (1903/1904)

*Duration...36 weeks*

*Credit.....1.0*

An advanced course in woodworking, offering an in-depth study of current information on the materials, tools, and processes of the woodworking industry. Students learn and experience the benefits of efficient planning, safe tool and machine usage, and effective production techniques in the construction of attractive, useful projects.

*Prerequisites.....Successful completion of Wood Tech I*

*Grade Taught...10 through 12*

### **Wood Tech III** (1905/1906)

*Duration...36 weeks*

*Credit.....1.0*

An advanced course in woodworking, offering an in-depth study of current information on the materials, tools, and processes of the woodworking industry. Students learn and experience the benefits of efficient planning, safe tool and machine usage, and effective production techniques in the construction of attractive, useful projects.

*Prerequisites.....Successful completion of Wood Tech II*

*Grade Taught...11 through 12*

### **Metal Tech I** (1901)

*Duration...18 weeks*

*Credit.....0.5*

A first or exploratory course in metalworking, providing instruction concerning the tools, machines, materials, and processes basic to the specific industry. Hand tool operations and basic machine procedures are introduced. The student learns to thoughtfully plan his/her work and develops skills in using tools and machines.

*Prerequisites.....None*

*Grade Taught...9 through 12*

## **Metal Tech II** (1900)

*Duration...18 weeks*

*Credit.....0.5*

A first or exploratory course in metalworking, providing instruction concerning the tools, machines, materials, and processes basic to the specific industry. Hand tool operations and basic machine procedures are introduced. The student learns to thoughtfully plan his/her work and develops skills in using tools and machines.

*Prerequisites.....Successful completion of Metal Tech I*

*Grade Taught...10 through 12*

## **Drafting I** (1909/1910)

*Duration...36 weeks*

*Credit.....1.0*

An introductory course in drafting that includes sketching, lettering, and geometric construction. These skills are then employed in the design of both mechanical and architectural drawings.

*Prerequisites.....None*

*Grade Taught...9 through 12*

## **Drafting II** (1911/1912)

*Duration...36 weeks*

*Credit.....1.0*

Drafting II is an advanced drafting class that emphasizes architectural planning and design. Students will use their creativity and skills to design a residential home and complete a full set of drawings for the structure. These drawings include floor plans, foundation plans, elevations, sections, and detail drawings.

*Prerequisites.....Drafting I*

*Grade Taught...10 through 12*

## **Drafting III** (1913/1914)

*Duration...36 weeks*

*Credit.....1.0*

Drafting II is an advanced drafting class that emphasizes architectural planning and design. Students will use their creativity and skills to design a residential home and complete a full set of drawings for the structure. These drawings include floor plans, foundation plans, elevations, sections, and detail drawings.

*Prerequisites.....Drafting II*

*Grade Taught...11 through 12*

## **Small Engines** (1917/1917B)

*Duration...36 weeks*

*Credit.....1.0*

Students are introduced to the operation and components of the two and four cycle internal combustion engines commonly used today. Safety, measuring, tool and material identification and basic engine functions are covered in the first portion of the course. Students will completely disassemble both types of small engines in the lab performing diagnostic tests and inspections. Fuel, ignition, lubrication and cooling systems will be studied as well as engine service and applications of small engine equipment. Students will re-assemble each engine and upon completion will be able to perform service and preventative maintenance tasks on most small engines.

*Prerequisites...Completion of 9<sup>th</sup> Grade*

*Grade Taught...10 through 12*

# **Drama**

# **Courses**

## **Drama I** (1601/1602)

*Duration...36 weeks*

*Credit.....1.0*

Students will be introduced to basic theatre terminology and conventions, stage directions, acting techniques, theatre games, and stage jobs. Students will study classical plays and playwrights as well as basic theatre history and genres. They will learn how to build realistic characters, write performance scripts, and physicalize with voice, gestures, and movement. Students will be expected to memorize and perform various types of pieces in class and for public performances.

*Prerequisites.....None*

*Grade Taught...9 through 12*

## **Drama II** (1603/1604)

*Duration...36 weeks*

*Credit.....1.0*

Advanced level of theatre which includes refinement of skills and knowledge learned in Drama I. This class will focus on the technical side of theatre and allow students to create theatrical designs. It will also require a higher level of participation in stage work including one acts and a student written elementary show. Students will also assist stage production students as techies and/or extras.

## **Drama II (cont'd)**

*Prerequisites.....Successful completion of Drama I*

*Grade Taught...10 through 12*

## **Drama III (Stage Productions)**

(1605/1606)

*Duration...36 weeks*

*Credit.....1.0*

Stage Production is the highest level of theater offered at Clare High School. Students are required to be competent in all aspects of performance and technical theatre. They are expected to know theatre terminology, acting techniques, stage directions, theatre etiquette, basic theatre history, and have a clear understanding of all aspects of theatre production including lighting, sound, directing, stage management, costume care, house management, publicity, and choreography.

**\*\*Note:** Admission to this class is based on performance in Drama I and II including grades, attendance, attitude/directability, and ability/talent.

*Prerequisites.....Successful completion of Drama II*

*Grade Taught...11 and 12*



If you plan to do athletics at the college level, please use the following links to see high school course requirements for Division I or Division II acceptance.

**Division I Requirements:**

[Division I academic requirements - NCAA.org](#)

**Division II Requirements:**

[2018 Division II New Academic Requirements - NCAA.org](#)