

2019-2020



PIONEERS

★ Creating Personal Success ★

COURSE  
DESCRIPTION  
GUIDE

North Central Accredited

**Language**

**Arts**

**Courses**

## **English 9**

*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 skill 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**

*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**

*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)**

*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)**

*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*

## **Creative Writing**

*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*

## **Advanced Literature**

*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*

# **Math Courses**

## **Algebra I**

*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**

*Duration...36 weeks*

*Credit.....1.0*

This course is designed to emphasize 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*

## **Algebra II**

*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)**

*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**

*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**

*Duration...36 weeks*

*Credit.....1.0*

The Robotics class is based off 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, critically think, be resourceful, be focused/efficient and follow through.

*Prerequisites.....None*

*Grade Taught...9 through 12*

# Science Courses



## **General Science**

*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**

*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**

*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**

*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**

*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**

*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*

# **Social Studies Courses**

## **U.S. History**

*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**

*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 American History*

*Grade Taught...10*

## **Economics**

*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 American History*

*Grade Taught...10*

## **World History**

*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 action, 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**

*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**

*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*

# **Foreign Language Courses**

## **Spanish I**

*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**

*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 and IV**

*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*

## **American Sign Language I**

*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*

**Computer  
Tech and  
Business  
Courses**



## **Computer Tech I**

*Duration...36 weeks*

*Credit.....1.0*

This course emphasizes the mastering of computer skills and management support concepts along with computer maintenance and troubleshooting. Skills will be introduced through introductory and integrated computer applications including word processing, database, spreadsheets, desktop publishing, and voice recognition. Basic foundational skills are integrated into the curriculum through activities, which include using the internet, Digttools, oral and multimedia communications, soft skills, entrepreneurial skills, employability skills, and career planning. This course is part of the Michigan Career and Technical Education Program (MCCTE) Business Management and Administrative Pathway.

*Prerequisites.....None*

*Grade Taught....9*

## **Computer Tech II - Financial Management**

*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

## **Computer Tech II - Financial Management (cont'd)**

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**

*Duration...36 weeks*

*Credit.....1.0*

In this course students will gain skills in one or more of the following areas: page design, advance publishing techniques, copywriting, editing, and photography while producing a creative, innovative yearbook.

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

*Grade Taught...10 through 12*

## **Computer Science**

*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*

## **Digital Photo/Video**

*Duration...36*

*Credit.....1.0*

In this course students will gain skills in the following areas: video creation, page design, publishing techniques, copywriting, editing, and photo and video techniques. Participants gain useful, real world skills in video production and photo principles.

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

*Grade Taught...10 through 12*

## **Digital Design I and II**

*Duration...36 weeks*

*Credit.....1.0*

Students in this course will develop skills that lay the foundation for producing web-ready business communications. First semester focuses on broadcasting and video production followed by developing graphic skills with Adobe Illustrator and Photoshop software. Students will also learn to create web pages using HTML 5 and CSS, then by using Dreamweaver software. Second semester will focus on advancing their skills to create and publish their websites and learn about professional design principles. Students will create an online portfolio to showcase the skills they develop. This course is designated as a Career and Technical Education(CTE) course.

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

*Grade Taught...10 through 12*

## **Accounting I**

*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**

*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*

# **Music Courses**

## **Symphonic Band**

*Duration...36 weeks*

*Credit.....1.0*

Comprised 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**

*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**

*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  
Management  
Courses**

## **Physical Education**

*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*

## **Health**

*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*

## **Physical Conditioning**

*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*

## **Nutrition**

*Duration...18 weeks*

*Credit.....0.5*

Students in nutrition will learn guidance for choosing healthy foods in order to prevent the 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*

## **Family Management**

*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*



**Art**

**Courses**

## **Art I**

*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**

*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**

*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**

*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**

*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*

## **Drawing/Painting**

*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*

# **Industrial Arts Courses**

## **Wood Tech I**

*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*

## **Metal Tech I**

*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*

## **Wood Tech II and III**

*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 Prior Wood Tech course*

*Grade Taught...10 through 12*

## **Drafting I**

*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**

*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*

## **Introduction to Construction/Building Trades**

*Duration...36 weeks*

*Credit.....1.0*

An introductory course in construction and the building trades industry that includes both academic and hands on project based learning.

*Prerequisites.....None*

*Grade Taught...9 through 12*

# **Drama**

# **Courses**

## **Drama I**

*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**

*Duration...36 weeks*

*Credit.....1.0*

Advanced level of theatre which includes refinement of skills and knowledge learned in Drama I. This class will also require a higher level of participation in stage work including monologues, duet scenes, and ensemble pieces. Students will also assist stage production students as techies and/or extras.

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

*Grade Taught...10 through 12*

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

*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*



# ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at [eligibilitycenter.org](http://eligibilitycenter.org).

## ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

## CORE COURSES

Visit [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist) for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

### DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

### DIVISION II

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

## GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses.

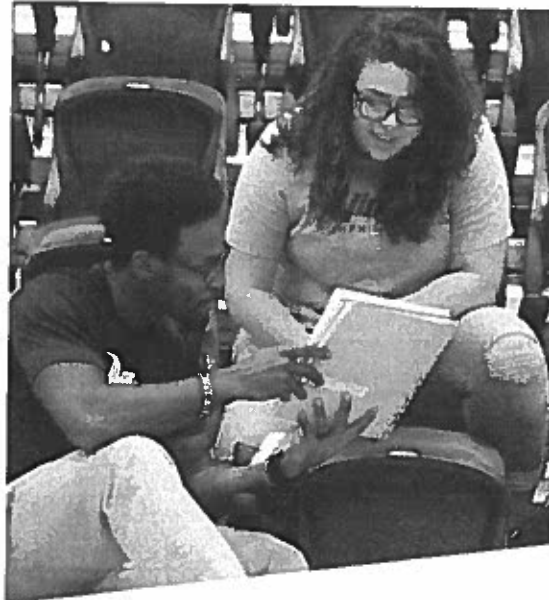
- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

## SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at [ncaa.org/student-athletes/future/test-scores](http://ncaa.org/student-athletes/future/test-scores).

## TEST SCORES

Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code 9999) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will use the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript.



# HIGH SCHOOL TIMELINE

## GRADE 9

### Plan

- Start planning now! Take the right courses and earn the best grades you can.
- Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes. Or, find your high school's list of NCAA core courses at [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist).

## GRADE 10

### Register

- Register for a Certification Account or Profile Page with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org).
- If you fall behind on courses, don't take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

## GRADE 11

### Study

- Check with your counselor to make sure you are on track to graduate on time.
- Take the ACT or SAT, and make sure we get your scores by using code 9999.
- At the end of the year, ask your counselor to upload your official transcript.

## GRADE 12

### Graduate

- Take the ACT or SAT again, if necessary, and make sure we get your scores by using code 9999.
- Request your final amateurism certification after April 1.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

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## Core Courses

This simple formula will help you meet Divisions I and II core-course requirements.

$$4 \times 4 = 16$$

- + 4 English courses (one per year)
- + 4 math courses (one per year)
- + 4 science courses (one per year)
- + 4 social science courses (one per year)
- = 16 NCAA CORE COURSES

## For more information:

[ncaa.org/playcollegesports](http://ncaa.org/playcollegesports)  
[eligibilitycenter.org](http://eligibilitycenter.org)

## Search Frequently Asked Questions

[ncaa.org/studentfaq](http://ncaa.org/studentfaq)

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