

**2019-2020**

**COURSE**

**DESCRIPTIONS**

**FOR**



**WEST JEFFERSON**

**HIGH SCHOOL**

## **Language Arts Department**

### **English 9- Course #011- Miss Henry**

(1 credit)

This course emphasizes the basic skills of language arts: reading, writing, speaking, and listening. Students will explore literature through a variety of genres and focus on reading strategies to improve vocabulary and comprehension. Writing instruction will focus on writing as a process: drafting, editing, revising, and submitting polished copies. Students will receive extensive instruction and practice with writing well-developed sentences, paragraphs, and essays and will be creating narrative, argument, and informative pieces. In addition, students will be using MLA style format and learn the basics of research.

### **English 9- Honors- Course #012- Miss Henry**

(1 credit)

In addition to the topics listed above (see English 9), this course will promote extensive reading and analysis of literature. Students will receive instruction and substantial practice with analytical writing, speaking, research, and presentation skills. This course is designed for independent, motivated learners who have already demonstrated advanced literacy skills. Students in Honors English 9 are expected to possess and exhibit advanced critical thinking skills and participate in meaningful, in-depth class discussions. Recommendations as well as other relevant data from middle school will be taken into consideration for placement into this course.

### **English 10- Course #013- Ms. LeMaster**

(1 credit)

This course is a continuation of the study of speaking, listening, writing, and reading with an emphasis on reading and studying novels. This course reviews both the process of writing and the process of responding to reading through writing. In addition to reading fiction and non-fiction works, students learn process strategies to help them think, analyze literature, and the proper steps to write and produce a final draft.

### **English 10- Honors- Course #014- Ms. LeMaster**

(1 credit)

This English course is an advanced study of speaking, listening, writing, and reading with an emphasis on reading and essay writing. The main focus of the course will be the intensive and extensive reading and analyzing of all types of literature including: short stories, plays, novels, and poetry. There will be development of critical writing and discussion skills relating to literature. The student will be expected to have good written and verbal skills prior to enrollment.

### **English 11- Course #015/ English 11 Honors- Course #016- Mr. Diehl**

(1 credit)

This course emphasizes composition and the study of American Literature. Composition study includes correct grammar usage, good sentence structure, focused paragraph writing and the continued refinement of the 5-paragraph essay. American Literature reading includes units on drama, the short story, poetry and the novel.

### **English 12- Course #017/English 12 Honors- Course #018- Mrs. Haskins**

(1 credit)

This English course will focus on helping students refine effective reading, thinking, listening, speaking, and writing skills. Students will be expected to read and write across a variety of genres. Through reading, writing, speaking, and listening, students will be afforded opportunities to learn and push their thinking. Reading opportunities will focus on a workshop format which will provide choice and challenge, but will also include teacher selected texts. Writing instruction will focus on a range of genres including, but not limited to: expression and reflection, literary analysis, evaluation and judgement, problem/solution, argument, and synthesis. In addition to learning how to find and use valid, reliable sources, students will use MLA format.

### **AP English Literature and Composition- Course #019- Mr. Diehl**

(1 credit—Grade 11 and 12)

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. This course will prepare students for the AP Literature exam in May and the opportunity to earn college credit through the AP exam.

## **AP English Language and Composition- Course #020-Mrs. Haskins**

(1 credit—Grade 11 and 12)

The Advanced Placement English Language and Composition course is designed to challenge students as readers, writers, and thinkers, and to prepare them for the AP English Language and Composition exam in the spring. The course's primary focus is rhetoric and rhetorical analysis, argument, synthesis essay so most of the reading is non-fiction. We study the rhetoric of non-fiction essays, visual texts, speeches, films, and other non-fiction pieces. Critical reading and writing are essential components of the course, and we will spend a great deal of time thinking and writing about the various texts we read. This course challenges students to think for themselves and support their assertions with thoughtful and effective evidence. This course is designed for highly motivated independent learners who already have advanced AP students should already have advanced reading, writing, critical thinking skills and work habits. Extensive summer reading is required. More information about AP courses can be found at [www.collegeboard.org](http://www.collegeboard.org). Students will need to be able to spend considerable time outside of class for reading and learning new vocabulary.

## **College and Career Readiness- Course #040-Mrs. Haskins**

(1/2 credit—Grade 11)

This course is designed juniors to receive focused instruction in the content necessary to become a successful post-secondary student and a career or skilled professional. The main emphasis of this course will focus on, but may not be limited to, the following: ACT preparation, how to choose and apply to a college, how colleges choose students, how to complete an effective college and/or scholarship application, how to write an admission/scholarship essay, where/how to look for scholarships, FAFSA and financial aid information, issues related to transitioning from high school to college, and how to choose a major and pursue a career. The course will also emphasize improving reading, writing, and study skills. In addition, students will receive instruction on how to write cover letters, create resumes, and complete job interviews.

## **Film Literacy I – Course#028/ II- Course #029- Mr. Diehl**

(1/2 credit- Grades 10, 11, 12)

This elective is a course for movie lovers. Selections will be a mix of classic and modern films focusing on elements of literature like plot development, character analysis, and other applicable literary devices as well as the technical aspects of film.

## **Creative Writing- Course #025- Mr. Diehl**

(1/2 credit- Grades 10, 11, 12)

This is an elective to be taken in addition to core English classes. Creative Writing will encompass writing stories, poetry, songs, drama and other genres of literature. Students will create a portfolio of work throughout the semester that will serve as the basis for their overall grade. It is a course designed for students who have not had extensive experience in creative writing. Through frequent writing exercises, participants develop such writing resources as voice, imagery, characterization, dialogue, and narration. Sharing is required and experimentation is encouraged!

## **Introduction to Mythology- Course#022-Ms. LeMaster**

(1/2 credit- Grades 10, 11, 12) Offered each semester

Welcome to Introduction to Mythology! After taking this class, students will notice how important and pertinent mythology is within our culture, including advertising, music, movies, books, and more. In this semester elective, we will learn about: Greek Gods and Goddesses; Mythical Heroes such as Hercules, Perseus, and Theseus; Mythical Creatures such as Medusa, the Griffin, the Minotaur, and Cerberus; plus also King Arthur and Camelot and other interesting cultural myths and legends as time permits. We will read Edith Hamilton's book *Mythology*, as well as view numerous films. Grades will be awarded via tests, quizzes, and students will each complete two Research/Teaching Presentations.

## **Sports Literacy- Course# 021- Mr. Diehl**

(1/2 credit- Grades 10, 11, 12)

This class is an elective that will focus on reading and writing along the curriculum using sports as subject matter. Professional, College and High School as well as Olympic sports and other issues that arise concerning athletics as a reflection of society will be some of the topics of interest. Discussion, debate, research and writing will accompany the reading material.

## **Journalism- Course #026-Miss Henry**

(1 credit- Grades 10, 11, 12)

This course is directly related to WJHS's new school newspaper! This course will focus on, but may not be limited to, the following: informative writing, research skills, interviewing techniques, editing/grammatical skills, journalism ethics, and publishing. Students who choose to enroll in this year-long course must be capable of meeting deadlines, collaborating with peers, and must have a love for writing! Students will also be required to attend extracurricular events and write several journalistic (news, feature, editorial, and sports) pieces for the newspaper. This course is also capable of being retaken multiple times, if interested.

## **Communications Skills- Course#027- Mrs. Haskins**

(1/2 credit - Grades 11, 12)

This course is intended for students to learn about and practice the communications process and improve public speaking and presentation skills. After appropriate instruction and examples are given, students will learn by doing. Students will learn about the features of speeches, the creation and use of visual aids, voice projection, posture, poise, and general speech delivery. The multiple opportunities students will have to write and present their own speeches will help them to develop confidence in public speaking. Speech types may include: demonstration, argument, product research, newscast, impromptu, debate, famous person, and problem/solution. The course will also provide instruction and practice with interview skills and personal communications.

## **Mathematics Department**

### **Algebra I- Course #215- Mrs. Bogenrife**

(1 credit – Grade 9)

Algebra I focuses on developing methods for solving equations and inequalities; graphing linear, quadratic, and exponential functions; and applying these techniques to enhance problem solving skills. Students learn to represent problem situations in several ways - numerically, functionally, graphically, and verbally - and to use those differing representations to communicate mathematical information and reach conclusions based on data. The content of Algebra I forms the conceptual foundation of all higher level mathematics courses. Classroom instruction will be supplemented weekly by a computer-based adaptive learning tool that tailors itself to the needs of each student.

### **Geometry- Course #217- Dr. Haidet**

(1 credit – Grades 9, 10) Must have successfully completed Algebra I

This course explores and rigorously develops the fundamental concepts and properties of plane and spatial geometry, including congruence, similarity, measurement, construction, surface area, volume, triangles, quadrilaterals, and circles. In addition, Geometry introduces students to the principles of deductive and inductive reasoning, including formal proof. Throughout the course, students' algebra skills are reviewed and strengthened. Classroom instruction will be supplemented weekly by a computer-based adaptive learning tool that tailors itself to the needs of each student. This course includes an introduction to basic trigonometry. (Only 8<sup>th</sup> graders who are enrolled in high school Algebra I may sign up to take this course as freshmen.)

### **Algebra II- Course #216- Mr. Boettner**

(1 credit – Grades 10, 11) Must have successfully completed Geometry

Building on their work with linear, quadratic, and exponential functions, students in Algebra II expand their repertoire to include polynomial, rational, radical, and trigonometric functions. Students work closely with expressions that define the functions and continue to expand and develop their abilities to model situations and solve equations. This includes solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course is designed to prepare students for success in higher-level math classes like Pre-Calculus, Calculus, Probability and Statistics, and AP Statistics. Classroom instruction will be supplemented weekly by a computer-based adaptive learning tool that tailors itself to the needs of each student. (Advanced students may elect to take this course concurrently with Geometry with permission from both instructors.)

### **Probability and Statistics- Course #223- Mr. Boettner**

(1 credit – Grades 11, 12) Must have successfully completed Algebra II

Students who have passed Algebra II but still need one more math credit for graduation can choose to take this course as an alternative to taking Pre-Calculus. (College-bound students are strongly encouraged to take Pre-Calculus.) As an alternative to Pre-Calculus, this course is designed to be more practical, drawing on examples from every-day life. Topics studied include data collection, probability, permutations and combinations, statistical measures, and the use of probability distributions to test hypotheses and support conclusions. Data will be summarized and displayed using technology.

### **Pre-Calculus- Course #218- Mrs. Bogenrife**

(1 credit – Grades 11, 12) Must have successfully completed Algebra II with a C average or better.

This course is designed to help bridge the gap between high school algebra and college calculus. Use of the graphing calculator as a tool for investigation and problem solving is emphasized. Students continue developing techniques for solving trigonometric, exponential, logarithmic, polynomial, rational, and radical equations, both algebraically and graphically. Additional topics include matrix manipulation, linear programming, vector algebra, and graphing using polar coordinates. Finally, the course introduces concepts which are fundamental to calculus such as the unit circle, limits, continuity, and asymptotic behavior. Classroom instruction will be supplemented weekly by a computer-based adaptive learning tool that tailors itself to the needs of each student.

## **AP Statistics – Course #224- Mr. Boettner**

(1 credit – Grades 11, 12) Must have successfully completed Pre-Calculus (unless a waiver is granted by administration)

This course is designed as a math elective for college-bound students who wish to challenge themselves in high school. (College-bound students should not view this class as a replacement for Calculus.) The course pacing and curriculum are designed to prepare students for the AP Statistics Exam in May. The AP Exam affords students the opportunity to earn college credit (typically 3 semester hours). AP Statistics introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data (describing patterns and departures from patterns), Sampling and Experimentation (planning and conducting a study), Anticipating Patterns (exploring random phenomena using probability and simulation), and Statistical Inference (estimating population parameters and testing hypotheses). Students cannot earn credit for both “AP Statistics” and “Probability and Statistics,” as there is significant overlap in the content of the two courses.

## **AP Calculus (AB) –Course #219- Dr. Haidet**

(1 credit – Grades 11, 12) Must have successfully completed Pre-Calculus

This year-long course covers the same material that is covered in the first semester of a typical college calculus course. After a very brief review of pre-calculus topics, students learn the problem-solving techniques of differential calculus, the problem-solving techniques of integral calculus, the relationships between the two, their theoretical foundations, and their applications to science. Students enrolling in this course must own graphing calculators. The Advanced Placement exam in May provides students the opportunity to earn college credit (typically 5 semester hours).

## **Science Department**

### **Integrated Science- Course# 310-Mr. Neely**

(1 credit- Grades 9)

This course in physical science is designed to prepare students for the study of more advanced sciences and will help students to better understand the physical world around them. In addition to reinforcing basic science skills, safe lab practices and procedures, students will study introductory concepts in chemistry, physics and space science, technology’s role in science, and how science relates to life applications and careers.

### **Biology- Course#312- Mr. Harkleroad**

(1- credit- Grades 10)

This course begins with a study of ecological concepts, including relationships among organisms and the flow of energy and matter in ecosystems. It then reviews basic chemistry as it relates to living things and moves on to a detailed study of the cell and cellular processes, including reproduction at the cellular level and molecular genetics. It then studies concepts of heredity and evolution. The course ends with a survey of the animal kingdom relating the structures found in various specimens to those found in humans.

### **Concepts in Chemistry – Course #320- Mr. Pickler**

(1- credit- Grades 11, 12)

Chemistry is the scientific study of the composition, structure, and properties of substances and the reactions that occur between them. In this course, we will discuss these topics utilizing a “hands-on” approach in the lab and other projects. Every effort will be made to connect what is learned in the classroom to “real-life” situations, which students might encounter on a regular basis. Classroom participation will be a large component of this responsibility with as much as ½ or more of classroom time spent on student-centered learning. Conceptual chemistry students will study many of the same topics as chemistry one students. There will be a reduction in complexity of the mathematics involved.

### **Chemistry I- Course #311- Mr. Pickler**

(1- credit- Grades 10, 11, 12)

This is an introductory course covering the basic concepts of matter, elements, compounds, mixtures, chemical reactions, bonding, and moles. Laboratory experiments and individual research projects contribute to the acquisition of both concepts and use of the scientific method. Also explores the world around us and relevance to current events.

### **Anatomy and Physiology- Course #313- Mr. Harkleroad**

(1- credit- Grades 11, 12) Must have either passed Concepts in Chemistry/Chemistry I or concurrently taking Chemistry I/Concepts in Chemistry

This course is a detailed study of the physiological and anatomical aspects of the systems found in the human body. Considerable time is spent understanding the structural characteristics of various types of tissues and relating them to the functions of the organs they form. Introduction to terminology and a basic understanding of the functions of body systems are useful in preparing for a career in health care. The course involves laboratory assignments designed to explore various aspects of human physiology and dissection of mammals with correlations made to human anatomy.

## **AP Chemistry II- Course #315- Mr. Pickler**

(1-credit- Grades 11, 12) Must have successfully passed Chemistry I

This AP (Advanced Placement) Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. This course is structured around the six Big Ideas articulated in the AP Chemistry Framework as provided by the College Board. Emphases will be placed on the Seven Science Practices that stress important aspects of the work that scientists engage in, with Learning Objectives that combine content with inquiry and reasoning skills. Students enrolling in this course are encouraged to take the Advanced Placement Exam, which provides students the opportunity to earn college credit.

## **Physics- Course#317- Mr. Neely**

(1- credit- Grades 11, 12) Must have passed Chemistry I and Algebra II or concurrently taking them.

During this course, students will discuss, practice and experiment with both basic and advanced concepts in physics. The course begins with an in-depth study of the physics of mechanics (motion, forces of motion, energy and work etc.), continues on with the study of electricity and magnetism (electrostatics, circuits, etc.), and the year concludes with a study of the concepts of wave motion and wave interactions (radiation, light, sound, etc.) Physics as a science deals with applying mathematical concepts to scientific situations, and this is done throughout the course.

## **Forensics- Course# 314- Mr. Pickler**

(1/2- credit- Grades 11, 12) Must have passed Chemistry I/Chem Concepts with a C average.

Forensic science is the application of science to the law and encompasses various scientific disciplines. This course will present the scientific principles and laboratory and field methods forensic scientists use to solve problems. It involves all areas of science including biology, anatomy, chemistry, physics, and earth science with an emphasis in complex reasoning and critical thinking. Topics discussed include organic and inorganic chemical analyses of physical evidence, principles of serology and DNA analysis, fingerprints, drugs, blood, hair, fibers, paint, glass, arson debris, etc. Classroom activities include experiments, projects, case studies and the incorporation of technology.

## **Meteorology- Course#316- Mr. Pickler**

(1/2- credit- Grades 11, 12) Must have either passed or concurrently taking Chemistry I/Concepts in Chemistry

This course is designed to provide students with an introduction to the dynamic processes at play within the Earth's fluid atmosphere and an appreciation of the role of these processes in producing weather. Topics covered on the course include: the origin and evolution of the Earth's atmosphere, the Earth/Sun relationships and their influence on the seasons and temperature, the hydrologic cycle and forms of precipitation, the gas laws, air pressure and wind, weather systems and fronts, storms such as hurricanes, tornadoes, thunderstorms, and blizzards. Air pollution and climate change will be addressed. Analysis of weather maps and prediction will be a weekly occurrence as well as weekly laboratory exercises.

## **Social Studies Department**

### **World History – Course # 132- Mr. Ruane**

(1 credit- Grades 9)

This course examines world events from 1600 to present and more. It explores the impact of the democratic and industrial revolutions, colonization and the forces that led to world domination by European powers, the wars that changed empires, the cold war and the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. This is a required course for all freshman.

### **American History- Course # 113- Mr. Hammer**

(1- credit- Grade 10)- required

This tenth grade will utilize the time period 1877 through the present to provide the context for the major objectives of the social studies program. Events in American History will be studied within the realm of world events. This time period is the immediate predecessor to the modern era and gives students the opportunity to investigate the backgrounds for today's issues.

### **American Government- Course #119- Mrs. Siddiqi**

(1- credit- Grades 11)

How the American people govern themselves at national, state and local levels of government is the basis for this course. Students will examine such topics as public policy, elections and voting, Constitutional principles, civil rights and liberties, public participation in government, economics and the Federal Reserve. A large part of the course will focus on the study of historical documents including the United States Constitution, the Bill of Rights, the Ohio Constitution and the Federalist Papers. This course will also provide students with an opportunity to research real-world problems and take actions as citizens.

## **Current Events I -Course #130/and II Course# 131- Mr. Ruane**

(1/2- credit- Grades 11, 12)

Current Events is an elective, semester course designed to give students the opportunity to study current issues in the world today. Emphasis is on events as they affect international, national, state and local affairs. Course content is determined by what is happening in the world at that time. The course will help develop a better understanding of the world and our global environment. Current Events can only be taken twice for a total of one credit.

## **AP United States Government and Politics- Course # 118- Mrs. Siddiqi**

(1-credit- Grades 11)

The Advanced Placement United States Government and Politics course will give students an in-depth perspective on government and politics in the United States. It will include both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It will focus on the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. The major topics to be explored in this course include: Constitutional Underpinnings of the United States Government, Political Beliefs and Behaviors, and Political Parties, Interest Groups, and Mass Media. Students in this course should take the AP United States Government & Politics exam in May for an opportunity to earn college credit.

## **Regional History with Geography-Course# 111- Mr. Hammer**

(1/2- credit- Grades 10, 11, 12)

Students in this class will increase their knowledge of world geography through different technologies such as, Google Earth, mapping software and other technology based applications. Students will explore the political boundaries of countries, the topography of various lands, and compare and contrast statistics dealing with countries of the world.

## **Criminal Law- Course #121- Mrs. Siddiqi**

(1/2- credit- Grades 10, 11, 12)

The purpose of this semester class is to look at crime and the justice system in America from many different angles. We will explore the concept of justice and the rule of law and how they are shaped by American morality. We will also look at the elements of a crime and how crimes are defined in the state of Ohio. Finally, we will take an in-depth look at a criminal case from arrest to sentencing, focusing on topics such as police procedure and the trial process. The culminating activity at the end of the semester will allow students to play the role of attorneys and witnesses in a mock trial. This class will appeal to students who enjoy class discussions and current events as well as those who have an interest in eventually joining the mock trial team.

## **Documentary History- Course #120- Mrs. Siddiqi**

(1/2- credit- Grades 10, 11, 12)

The purpose of this class is to allow highly motivated students with a strong interest in history the opportunity to take an in-depth look at a historical era or event of their choosing. During the first half of the class, students will learn the craft of research history which includes how to access primary sources online, organize their research, develop a thesis and properly cite sources. During the second half of the class, students will work individually or in groups to complete a documentary using their research. Skills in online video editing will be helpful for students taking this class. This class will appeal to students who are self-motivated and enjoy classes that are oriented toward project based learning.

## **Advanced Trial Procedures- Course #122, 123, 124, 126 Mrs. Siddiqi**

(1/2- credit- Grades 10, 11, 12)

This course will prepare students to participate in the OCLRE statewide mock trial competition. Students who enroll in the course should have an interest in the legal system and a desire to use public speaking skills. In preparation for the competition, the students will use critical thinking skills to analyze physical evidence and witness affidavits and will work together as a class to construct sound legal arguments supporting and attacking both sides of the given case. The students will write opening and closing statements, as well as direct and cross examination questions. Students will be selected to participate in the competition as either witnesses or attorneys. Through the preparation and trials students will become familiar with trial procedure, rules of evidence and courtroom decorum.

**Requirements:** Must have previously taken Criminal Law or have teacher permission. Must be willing to meet after school and on weekends in order to prepare for the OCLRE mock trial competition

## **Technology and Business**

### **Computer I- Course #208- Mrs. Simmons**

**(½ Credit) Grades 9, 10, 11, 12**

This course will focus on the use of basic computer software. It involves using various applications such as those in Google Suite (Docs, Sheets, Slides, Drawings). Students will also have an opportunity to conduct research on the Internet, explore new technological innovations, examine technology-related careers and speculate about future computer applications.

### **Computer II – Course #209- Mrs. Simmons**

**(½ Credit) Grades 9, 10, 11, 12 (Successful completion of Computer 1 required)**

This course is intended to go beyond basic computer skills. Students will become more acquainted with the proper procedures to create and enhance documents, presentations, and worksheets suitable for coursework, professional purposes, and personal use. Class members will also utilize a variety of software programs (ie. Prezi, Photoshop) to create and share projects. The course will use an exercise oriented approach that allows learning by doing.

### **Personal Finance – Course# 204- Mrs. Simmons**

**(½ Credit) Grades 11 & 12**

Understanding and managing personal finances are keys to one's future financial success. This one-semester course is based on The Ohio Core – Personal Finance Requirements and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

### **Desktop Publishing (Yearbook) - Mrs. Simmons 1<sup>st</sup> year course#200, 2<sup>nd</sup> year #201, 3<sup>rd</sup> year- #202**

**(1 Credit) Grades 10, 11, 12**

This course is for the publication of the high school yearbook. This will be scheduled as a regular class for those who are admitted by the instructor. Students are encouraged to join as sophomores or juniors and work on the yearbook for 2 years or more. Students will take photos, develop layouts, work with the computer, intervene with people, meet deadlines, sell advertisements and design a yearbook during the school year. This course cannot be used as a technology requirement, it is an elective. Interested students will be required to complete an application and obtain references from teachers in order to be considered.

### **Computer Science Principles I – Course# 207- Mrs. Simmons**

**(½ Credit) Grades 9, 10, 11, 12 (Successful completion of Algebra required)**

This course will focus on learning what Computer Science actually is. The basics of computer science help nurture creativity and problem-solving skills, as well as prepare you for a future in any field or career. At the beginning of the course, students learn about sending a single bit of information from one place to another. Students will also learn how the Internet works and its' impacts on society.

### **Computer Science Principles II – Course# 211- Mrs. Simmons**

**(½ Credit) Grades 9, 10, 11, 12 (Successful completion of CSP I required)**

This course takes a further look into Computer Science and has a focus on the students' consideration of their implications when using computing innovations that they have actually designed. During this course, students will have an introduction to programming, learn the basics of building apps, and continue to study the impacts of technology on society.

### **Marketing Principles –Course # 206- Mrs. Binion**

**½ credit Grade 9**

This is the first course in the Marketing career field. It introduces students to the specializations offered in Marketing. Students will obtain fundamental knowledge and skills in marketing communications, marketing management, marketing research, merchandising and professional selling. They will acquire knowledge of marketing strategies, market identification techniques, employability skills, business ethics and law, economic principles and international business. Technology, leadership and communications will be incorporated in classroom activities.



## **Human Resource Management- Course # 213- Mrs. Binion**

(1 credit- Grades 10, 11, 12)

Students will develop human resources strategies to obtain, retain, and effectively use talent throughout the organization. Students will utilize technology to create job applications, job descriptions, and job profiles to support the talent acquisition process. They will learn to recruit applicants, administer employment assessments, conduct background investigations, and make and communicate hiring decisions. Students will also develop employee handbooks and establish performance improvement processes. Rewards and recognition practices, relationship management and compliance will be addressed.

## **Health and Physical Education Department**

### **Health- Course #711- Mr. Williams**

(½ credit- Grades 9, 10, 11, 12)

The goal of Health Education is to help each student know the implications of and the benefits from acquiring knowledge, attitudes and behaviors that promote a healthy life style. Emphasis will be placed on units of study in nutrition , alcohol, tobacco and other drugs, growth and development, injury and accident prevention, diseases/disorders prevention and control, mental and social health issues, and exercise and fitness. Students will be graded on class work / class participation, projects, and chapter tests.

### **Coed Physical Education 9 and 10- Course # 712- Mr. Williams**

(1/4 credit- Grades 9, 10, 11, 12)

Major activities are: Aerobics, Basketball, Physical Fitness, Soccer, Softball, Speedball, Football, Track and Field, Tumbling, Volleyball, Golf, Tennis, Baseball, Weight lifting and other lifetime activities. Although skills are taught and evaluated, the primary emphasis is on participation.

\*Please note if you choose to play a sport instead of taking gym, it is your responsibility to inform the guidance office when you finish the sport for the season. You will not receive ¼ credit, it will just become waived.

### **Fitness- Course # 713- Mr. Williams**

(1/2 credit- Grades 11-12)

Students will learn how to develop a weight training/fitness program designed around their own needs, goals, and strengths. Students will be evaluated on their own improvement and their ability to construct and follow their own personal workout plan. Technology devices will be used to introduce Apps and listen to music to help motivate students reach their goals. No homework, no running, no PE uniform. Students must wear clothing and foot wear that is conducive to physical activity. GRADING -4 points will be deducted for each class a student does not participate in the majority of class time. This class does not fulfill the graduation requirement for PE. Class will be held during 8<sup>th</sup> period.

### **Advanced Weights – added to schedule in fall when school starts.**

(NO CREDIT- Grades 9, 10, 11,12)

This course is offered to students/athletes during the school day. The prerequisite for the course would be participation in extracurricular activities. Athletes will be expected to complete various weight training, agility, and speed training activities.

## **Global Language Department**

### **Español Uno- Course# 061- Sr. Liston**

(1- credit- Grades 9, 10, 11, 12)

This introductory course is designed to develop the fundamental skills of listening, speaking, reading, and writing. Students will interact with level one grammar, use functional vocabulary related to everyday life, and implement language structure while using an assortment of study/memory skills and techniques. Students will begin to speak Spanish in class to each other and to the instructor. Daily instruction addresses multiple learning styles and students will utilize a variety of resources such as Spanish websites, authentic materials, culture videos, listening activities, Smart phone apps, and the Smart Board. Students will also work in paired and group learning activities which will enable individuals to participate in class in a meaningful way.

### **Español Dos- Course #062- Sra. Jenkins**

(1- credit- Grades 10, 11, 12)

Students in Espanol Dos continue to further develop and improve the knowledge gained in Espanol Uno with lessons focused on listening, speaking, reading and writing. Emphasis is placed on learning activities that allow students to improve pronunciation, gain mastery of the basic grammatical structures, and increase communicative proficiency. Acquisition of functional vocabulary, meaningful expressions and language use will be a daily

goal. Supplementary materials are introduced to enhance language use at this level and students are expected to use Spanish daily in paired and group activities to express ideas and opinions.

### **Español Tres- Course # 063- Sra. Jenkins**

(1- credit- Grades 11, 12)

This course builds upon the knowledge, proficiency and functional ability gained in Español Uno & Dos. This advanced class is a continuation of the implementation of knowledge acquired in previous years, as well as an introduction to higher level vocabulary, structures and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts. Students will practice the use of the target language daily as a primary means of communication in each level of instruction and acquisition activities.

### **Español Cuatro- Course# 064- Sr. Liston**

(1- credit- Grades 12)

Español Cuatro provides students the opportunity to further develop, improve and refine their listening, speaking, reading and writing abilities. Emphasis continues to be placed on spoken skills with a more in depth focus on reading and writing at higher levels in the target language. Students will experience multiple opportunities to demonstrate their proficiency in Spanish in varying contexts. Aspects of Hispanic culture is addressed through authentic readings, media, and class discussions. Assessment of student growth and language acquisition is implemented through written, listening, reading and spoken quizzes or projects. Students are expected to use the target language as a primary means of communication daily in class in each facet of learning activities.

### **Art Education- Mrs. Gravlin**

#### **Online Art History- Course # 610**

(1/2 credit Grades 10, 11, 12)

**Art History:** Students are introduced to ancient artworks, beginning with Egyptian and proceeding through Gothic art in this online course. Throughout this course, sculptures and paintings from these historic eras are discussed. This course will help you learn to identify characteristic of specific time periods while viewing art and artifacts online. You must have good time management skills and computer access to take this course. This course is an introduction to art history and has no prerequisites or fees.

#### **Online Art History 2- Course #**

(1/2 credit Grades 10, 11, 12)(Pre-requisite is Art Foundations)

Students will use and develop essential writing skills to analysis historical works of art. This will be done by examining works of art from diverse cultures and the relationships among these works. Student will begin to develop an understanding of global artistic traditions. Students will analyze and interpret works of art by answering questions based upon their intended use, audience, and the role of the artist and the work of art in its particular society. Completed using Google classroom and Google documents.

#### **Art Foundations- Course # 611**

(1/2 credit Grades 9, 10, 11, 12)

Students in this class experience a variety of two-and three-dimensional activities that cover basic art and design skills. Various processes involved in introductory art making will be examined. Projects may include, but are not limited to drawing, painting, sculpture, ceramic, and mixed media. Students will work in media such as: graphite, charcoal, pastels, pen and ink, clay, magazines, watercolor and acrylic paint. Problem solving issues specific to each project will be explored. Students will be responsible for keeping a sketchbook throughout the term of the class.

#### **Drawing 2- Course #612**

(1/2 credit Grades 10, 11, 12)(Pre-requisite is Art Foundations)

Students in this class will further develop their knowledge and skills achieved in Art Foundations. Emphasis will be placed on design and composition skills through the application of the elements and principles of design. Areas of study will include but are not limited to drawing and painting. Students will learn to draw from life as well as develop skills in various drawing media. All students will be responsible for keeping a sketchbook and portfolio throughout the term.

#### **Advanced Drawing- Course #613**

(1/2 credit Grades 10, 11, 12)(Pre-requisite is Drawing 2)

Students in this class will further develop their knowledge and skills achieved in drawing 1. Emphasis will be placed on advanced design and composition skills through the application of the elements and principles of design. Areas of study will include but are not limited to drawing and

painting. Students will learn to draw from life as well as develop skills in various drawing media. All students will be responsible for keeping a sketchbook and portfolio throughout the term.

### **Ceramics- Course #616**

(1/2 credit Grades 10, 11, 12)(Pre-requisite is Art Foundations)

This beginning studio art course investigates a variety of three-dimensional design techniques. Emphasis is on developing craftsmanship and creativity. Units of study may include, but are not limited to, functional and non-functional clay ceramics, and representational and non-representational sculpture. Pinch, coil, slab, ceramics construction will be used.

### **Ceramics 2- Course #618**

(1/2 credit Grades 10, 11, 12) (Pre-requisite is Ceramics)

This intermediate studio art course offers beginning work on the pottery wheel and three-dimensional design techniques. Emphasis is on developing pottery wheel craftsmanship and creativity. Units of study may include, but are not limited to, functional and non-functional clay ceramics. Wheel-thrown ceramics construction will be the main focus plus pinch, coil, slab, construction methods. Pre-requisite Ceramics I.

### **Advanced Ceramics 3- Course #620**

(1/2 credit Grades 10, 11, 12) (Pre-requisite is Ceramics 2)

This advanced studio class is offered to seniors only. This class is a more in-depth look into the pottery wheel plus some sculptural development. Throwing off the hump, glaze mixing, wire, newspaper, recycled art, are a few of the techniques and material that will be used. Representational and non-representational sculpture will be visited throughout this class. The pre-requisite is above average completion of Ceramics 2.

### **Sculpture- Course #**

(1/2 credit Grades 10, 11, 12) (Pre-requisite is Art Foundations)

This course is designed to introduce the student to various techniques and methods of construction to create three-dimensional works of art. Concepts are investigated via problem-solving projects dealing with the organization of space, form and mass using a variety of materials, processes and tools. The students will develop tactile and structural skills necessary for creating quality sculptural works of art.

### **Painting Acrylics- Course #619**

(1/2 credit grades 10, 11, 12) (Pre-requisite recommended is Art Foundations)

This intro to acrylic painting class will teach the basics: supplies, preparing the paper, creating value studies, painting washes, painting on wet and dry paper, mixing colors and techniques acrylic painting will be discovered. We'll start with basic lines, patterns, washes and color mixing. Then we will assemble these fundamentals into landscapes, still life's and more. Color theory, perspective, composition structure, and critical thinking skills will be emphasized. Observational painting from life will be geared towards realism; at the same time various other painting styles could be explored. Pre requisite recommended Art 1.

### **Painting Watercolor- Course #621**

(1/2 credit grades 10, 11, 12) (Pre-requisite recommended is Art Foundations)

This intro to watercolor painting class will introduce students to techniques and concepts unique to watercolor painting. It will also teach the basics: supplies, preparing the paper, creating value studies, painting washes, painting on wet and dry paper, mixing colors and techniques for saving the white of the paper. We'll start with basic lines, patterns, washes and color mixing. Then we will assemble these fundamentals into landscapes, still life's and more. Color theory, perspective, composition structure, and critical thinking skills will be emphasized. Observational painting from life will be geared towards realism; at the same time various other painting styles could be explored. Pre requisite recommended Art 1.

## **Performing Arts Department**

### **Chamber Choir – Course # 653- Mrs. Armas**

(1- credit- Grades 9, 10, 11, 12) ***Must Audition to be in this choir***

Chamber choir is the select, auditioned choir of West Jefferson, consisting of both men and women. Each year, auditions will be held and students will be tested on singing tone, range and sight-singing. While previous vocal experience is suggested, it is not required to audition! This smaller choir will perform a broad range of demanding styles, from pop acapella to OMEA contest style literature. The Chamber Choir also represents West Jeff in many outside events in the community where a formal large choir concert might not be appropriate. Purchase of formal wear is an additional cost to this class. All concerts, in school and out of school, as well as OMEA contest participation are required.

### **Concert Choir- Course# 654- Mrs. Armas**

(1- credit- Grades 9, 10, 11, 12)

Concert Choir is the primary Vocal Ensemble at West Jefferson. Those interested in learning about the basics of singing should sign up. No previous experience in choir is required. Students will develop skills in music literacy, sight-reading, and vocal technique. There will be approximately 4 concerts throughout the year, and performance at OMEA contest is required.

### **Band- Course # 651- Mr. Broecker**

(1- credit- Grades 9, 10, 11, 12)

Instrumental music consists of the marching, pep and concert bands. The marching band plays at all football games and numerous parades throughout the year. Concert band starts in November with three major concerts at school, district competition and graduation, etc. Other than learning one or more instruments, the students gain extensive physical co-ordination training and mental alertness as members of the marching band. Quick thinking, finger dexterity, cooperation, companionship, appreciation of all types of music, meeting students from other schools are a few of the advantages of being a member of the concert band. The pep band is a group and plays for all varsity boys home basketball games. This course is offered the last period of the day. All West Jefferson High School students who wish to earn an academic credit for band must attend the actual class. Course requires that you participate in Marching Band, Concert Band and the Pep Band.

### **Stagecraft (2nd semester) – Course # 656- Mrs. Armas**

(1/2 - credit- Grades 9, 10, 11, 12)

Stagecraft is the study of technical theater. It utilizes a hands-on approach to study the combination of performance arts, business management, technology, cultural history, architecture, drafting, design, industrial arts, and theatrical arts. Project-based tasks will be the main learning object, mainly surrounding the design and implementation of WJHS's spring musical. After the musical, students will study the history and background theory to further understand the craft of technical theater. Field trips may be taken to watch and study area shows. Participation in the stage crew during building weeks, tech weeks, performances, and strike (tear down) of the spring musical is required. Dates for next year's musical will be released early in the first semester. No prior knowledge of theater or stagecraft is required.

### **Jazz Band- Course #650- Mr. Broecker**

(1- credit- Grades 9, 10, 11, 12)

The jazz ensemble consists of saxophones, trombones, trumpets, guitars, pianists, and percussionists, and performs in at least three school concerts, as well as a few other outside performances. The class also focuses on the history and theory behind jazz music and its importance in our society. Participation and performance evaluations are used to assess the students. Saxophone, trombone, trumpet, and percussion players must be in concert band in order to participate. Guitarists and pianists must request permission from the director prior to registering for this course.

### **History of Rock and Roll (1st semester) –Course # 652- Mrs. Armas**

(1/2 - credit- Grades 9, 10, 11, 12)

In this class, students will survey the history of popular music of the 20th century, beginning in the roots of the Rock n' Roll genre in the deep south, to the Beatles, to Punk Bands and Hard Rock. Students will gain understanding in how rock music reflects shifts in cultural ideals, while learning how to analyze, contextualize and synthesize information from historical "primary sources" (such as rock songs, newspaper articles, photographs, music videos, artwork, etc.). No prior knowledge of music is required.

### **Music Appreciation- Course # 655- Mr. Broecker**

(1/2- credit- Grades 10, 11, 12)

Music Appreciation is a general course that provides experience in listening to music more perceptively. Listening skills will be developed through the study of the basic elements of music and various styles and periods, including American music, jazz, and popular music. No prior musical experience is necessary.