

GRADE 10—COURSE DESCRIPTIONS FOR THE 2020-2021 SCHOOL YEAR

Agri-Science I

Credits: 1/2

Elective

Semester

Class focus: 9 – 12

May be used as a science .5 credit

Agriculture is still a major employer in the United States, with 19% of the work force employed in Agri-science careers. This course is an introduction to Agri-science. Topics covered will be; “What is Agri-science?” and its importance to society. A soil science unit will be covered with students developing a soil and water management plan for a tract of land. A unit on leadership will also be covered in which we will learn basic parliamentary procedure.

Ag Machining

Credits: 1/2

Elective

Semester

Class Focus: 9-12

In this course students will study the five basic machining operations drilling, turning, milling, grinding and shaping. Students will learn precision measurement with micrometer and calipers. Student projects will be constructed mainly in the machine shop area using milling machines and lathes. Safety glasses required.

Ag Metals

Credits: 1/2

Elective

Semester

Class Focus: 9 - 12

This course is an introduction to metal processing technology. Students will study shop safety, hand tool use and identification, steelmaking process, and precision layout. Projects will be constructed in the areas of bench metal working, metal forging, and sheet metal working. Safety will be stressed and students are required to supply safety glasses and leather gloves.

Ag Welding I/II

Credits: 1/2

Elective

Semester

Class Focus: 9-12

This course is designed to instruct students on basic welding theory, processes, and equipment operation for light-duty welding. Students will learn and perform SMAW or “stick welding,” GMAW or “wire-feed,” and oxy/fuel “torch” welding. Students will use various metal cutting machines to prepare metal for welding. Safety glasses and leather welding gloves are required. Course Enrollment capped at 16. Seniors to freshmen will be the enrollment process

Ag Woods I

Credits: 1/2

Elective

Semester

Class Focus: 9 - 12

This is a class for students who want to explore woodworking and wish to enhance their skills and challenge themselves. Students will learn how to properly machine lumber by using power tool such as jointers, planers, band saws and table saws. Required and elective projects will be made. As students advance, they will focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Students will learn project layout, prepare bill of materials, cut lists, assembly, and finish techniques. Safety glasses required. Material Fees may be required.

Course Enrollment capped at 16. Seniors to freshmen will be the enrollment process.

Art I-Foundations

Credits: 1\2

Elective

Semester

Class Focus: 9 - 12

Students will learn the correct techniques needed to improve personal standards in drawing, painting, and ceramics. We will study contour, gesture, and perspective techniques in a variety of media including graphite, ink, pastel and colored pencil. Students will learn how to properly mix colors in preparation for Art II.

Art II-Color Study

Credits: 1/2

Elective

Semester

Class Focus: 9 - 12

Students will study color in a variety of mediums such as tempera and acrylic paint, color pencil, pastel and oil pastel. We will study color schemes and work extensively with the color wheel. Students will learn how to use colors in a complimentary fashion while mixing separate mediums together to create balanced and unified art. We will study specific artists and learn how they used color and style to tell the story of their paintings.

Band

Credits: 1

Elective

Year

Class Focus: 9-12

General Band course develops students' technique for playing brass, percussion and woodwind instruments and covers a variety of non-specified band literature styles (concert, marching, orchestral and modern styles)

Chemistry I

Credits: 1

Required

Year

Class Focus: 10

This course is designed for those students pursuing further education at the technical or college level, especially those pursuing careers in a science related field such as nursing, medical technology, chemical analyst, etc. This course is intended to give the student an exposure to the lab skills, study skills and knowledge required of a student entering chemistry at the college level.

Chorus

Credits: 1

Elective

Year

Class Focus: 9-12

Chorus course provides students the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop choral techniques and the ability to sing parts.

English 10

Credit: 1

Required

Year

English 10 develops student competency in English usage and mechanics, vocabulary development, oral and written communication, and reading comprehension. Topics for class activities and discussion include poetry, essays, novels (To Kill a Mockingbird and The Odyssey), plays (Julius Caesar and Inherit the Wind), and mythology. Informative and argumentative writing is required.

Geometry

Credits: 1

Required

Year

Class Focus: 10 - 12

Students will be introduced to and apply in realistic problems the following topics: transformations, symmetry, probability, angle relationships, area, Pythagorean theorem, similarity, trigonometry, congruent triangles, proofs, coordinate geometry, polygons and circles.

Graphic Design I

Credit: 1/2

Elective

Semester

Class Focus: 9 - 12

Course is designed to allow students to utilize visual art skills acquired through previous introductory art class instruction. Various methods are used to create and combine words, symbols, and images to create a visual representation of ideas and messages. Students will experiment with page layout, logo and product design. We will also study typography (fonts) and how they interact with each other.

Human Anatomy and Physiology

Credits: 1

Elective

Year

Class Focus: 10- 12

The class should be taken by anyone who is planning on entering a health care field or who is going to college. Topics covered in this class include: basic chemistry, cellular biology, tissue study, skin, systems of the human body including muscular, skeletal, nervous, digestive, endocrine, circulatory, respiratory, and reproductive.

Industrial Design

Credit: 1/2

Elective

Semester

Class Focus: 9 - 12

Students will review and create architectural and automotive designs. Students will use the principals of basic drafting as well as computer aided drafting to design industrial structures. Blue print reading, historical perspective, and multiple design elements will be emphasized. This would be the perfect course for students interested in construction, fabrication, engineering, and manufacturing.

Introduction to Criminal Justice

Transcribed Credit 

Credits: 1/2

Elective

Semester

Class Focus: 10 - 12

Students will learn about the history of the criminal justice system; philosophy of law enforcement; civil and criminal law; local, state and federal law enforcement; career opportunities.

Physical Education 10

Credits: ½

Elective

Year

No Prerequisite

Class Focus: 10

This semester course is designed to offer the students a wide variety of cardiovascular, muscular endurance and strength, flexibility and fitness planning skill building methods and activities in order to enhance personal wellness. Student will also be learning about nutrition, basic first aid, and CPR.

Principles of Management

Transcribed Credit- 

Credits: 1/2

Elective

Semester

Class Focus: 9 - 12.

YOU NEED THIS CLASS if you are thinking about going to college for business or marketing. Students will learn business leadership. Areas of study will include planning, organizational structure, leadership styles, and effects of decision making. Students can choose to take this course for CVTC transcribed credit. Students that choose to do this will be required to do more rigorous activities to meet the CVTC requirements for the credits.

Principles of Marketing

Transcribed Credit- 

Credits: 1/2

Elective

Semester

Class Focus: 10-12

Marketing is a basic introduction to the scope and importance of marketing in the global economy. Lessons will relate to advertising/promotion/selling, distribution, financing, marketing-information management, pricing, and product/service management. Students can choose to take this course for CVTC transcribed credit. Students that choose to do this will be required to do more rigorous activities to meet the CVTC requirements for the credits.

Spanish II

Credits: 1

Elective

Year

Class Focus: 10 - 12

This course is a continuation of Spanish 1 focusing on the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the progressive development of listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with increasing proficiency to spoken and written Spanish and demonstrate further cultural awareness.

Sports and Entertainment Marketing

Credits: ½

Elective

Semester

Class Focus: 9-12

In Sports and Entertainment Marketing, you will develop a fundamental knowledge of marketing that relates sports and entertainment industries, and career possibilities available in the industries. You will also develop the necessary entry skills for a career in the sports and entertainment fields. Sports & Entertainment Marketing is a course designed to teach marketing concepts through (applied to) the sports and entertainment industry. Marketing is a tool that has allowed the U.S. economy to become highly successful internationally. The basic functions of marketing product/service management, distribution, selling, marketing information management, financing, pricing, and promotion will be covered. In addition to marketing overview, this course is designed to show how advertising, sales, and event marketing and communications are important.

Street Law

Credits: 1/2

Elective

Semester

Grades 10-12

Street Law is a semester-long social studies elective that serves as an introductory course to law and legal systems in the United States. Street Law will focus on our national, state and local legal systems. The content will be conveyed in a practical format to allow students to gain the knowledge necessary to survive in our law-saturated society. Students will engage in the study of criminal, civil, contract and family law in the classroom and in the community. A strong emphasis will be placed on written work in the form of case studies and mock trials. We will touch on broad and specific legal topics to give students a better understanding of law and how it affects you in real life.

U.S. History II

Credits: 1

Required

Year

Class Focus: 10-11

United States History II is the study of American History from the 1870's to the year 2000. Major emphasis for the second year of U.S. History will include the Progressive Era, the First World War, The Great Depression, the New Deal and Reform, the Second World War, the 50's and 60's, Vietnam and the 70's, 80's and 90's.

World Studies II

Credits: 1/2

Elective

Semester

Class Focus: 10-12

World Studies is an in depth World History course. We will be examining major periods of change and development throughout history. This survey course will cover the Enlightenment Period to modern times. We will study both the physical and economic geography as influenced by political and human interaction. We will investigate progress to see how and why men formed governments. We will look at man's economic record to see how people earn a living and why nations trade with each other. The societies and cultures of man will be studied to better understand the conflicts which confront nations today. An emphasis will be placed upon map skills during this course.

Words at Work 1,2, & 3

Credits: 1/2

Elective

Semester

Class Focus: 10-12

Business Communication is a practical course that will show you the right way to write memos, letters and reports through lessons of writing informational, persuasive, sales, employment, and good and bad news communications, to both internal and external audiences – with practice analyzing those audiences. It will also include the study and application of team communication and use of technology to facilitate the communication process.