

GVHS Career & Technical Education Course Descriptions

Business Communication I

Business Communication affects all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on both the personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students with a solid communication base, so they can communicate effectively.

(0.5-12 Grade English Credit)

Business Communications II

This advanced course can be used to build upon the skills acquired in Business Communication 1 or used as a stand-alone class that focuses on additional methods of professional communication skills. Competency will be developed in oral, written, interpersonal, technological, and employment communication, and listening skills will be incorporated throughout the semester. The goal is to provide students with a practical, proficient port-folio consisting of a cover letter, resume, and follow-up letter. Additionally, students will create either a business report or a business plan. Students will complete the course with a greater understanding of the impact of technology and the need for effective communication skills to advance in a business career.

(0.5 -12 Grade English Credit)

Customer Service

The focus of this course is for students to gain an understanding of the skills, aptitudes, and thought processes necessary to achieve customer satisfaction and loyalty in a variety of settings. Students will learn and develop customer service strategies as well as the skills and abilities necessary for working with customers; this will include helping customers to make decisions as well as resolving concerns and issues that may arise. Students taking Customer Service should have the opportunity to participate in DECA (marketing student leadership association). DECA curriculum and activities are state approved for all marketing courses.

(0.5 CTE Credit)

Marketing I

Marketing 1 explores the seven core functions of marketing which include: Marketing Planning – why target market and industry affects businesses; Marketing-Information Management –why market research is important; Pricing – how prices maximize profit and affect the perceived value; Product/Service Management – why products live and die; Promotion – how to inform customers about products; Channel Management – how products reach the final user; and Selling – how to convince a customer that a product is the best choice. Students will utilize knowledge in hands-on projects which may include: Conducting research, creating a promotional plan, pitching a sales presentation, and introducing an idea for a new product/service.

(0.5 CTE Credit)

Sports & Entertainment Marketing

This is an introductory course that will help students gain an understanding of marketing concepts as they apply to the sports and entertainment industry. The areas this course will cover include: core marketing standards, market segmentation, target marketing, the event marketing triangle (events, fans, and sponsors), sports and entertainment promotion and marketing plans.

(0.5 CTE Credit)

Entrepreneurship

Students will gain an understanding of the marketing and management principles necessary to start and operate their own business. They will develop an awareness of the opportunities for small business ownership and develop the planning skills needed to open a small business. Students will become aware of the traits and characteristics of successful entrepreneurs. Students will gain an awareness of knowledge needed in research, planning and regulations affecting the small business and the means of financing a small business. They will understand the specific strategies of business management and marketing and the economic role of the entrepreneur in the market system. Entrepreneurship is designed for students enrolled in business and marketing education, and/or other courses, who have an interest in developing the skills, attitudes, and knowledge necessary for successful entrepreneurs.

(0.5 CTE Credit)

Retailing

This course will prepare the student to operate businesses that sell, rent, or lease goods and services. This course will provide insight into the theory and application of merchandise/service assortment, pricing, promotion mix, location, store layout, and customer service activities necessary for successful retail operations. Students taking marketing related courses should have the opportunity to participate in a related CTSO organization.

(0.5 CTE Credit)

Digital Marketing

The Digital Marketing course is designed to give students a general background in digital marketing and an introduction to the rapidly growing and evolving career field. Students will be exposed to the fundamental concepts and principles of the digital experience, focus on the learning tools and skills necessary for solving business problems, and developing marketing opportunities. This course will provide practical experience in, but not limited to: eCommerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, and mobile media.

(0.5 CTE Credit)

Business Management

This Business Management course seeks to develop sound management concepts within students, as management plays a role in any future employment opportunity. Students are able to analyze, synthesize, and evaluate data from the other functional areas of business (e.g., marketing, finance, and production/operation). Effective management requires decision-making abilities, long-range planning knowledge, human relations expertise, and motivational skills. Students learn the four basic functions of management: planning, organizing, directing, and controlling.
(0.5 CTE Credit)

Business Law

Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. They will also work to gain an understanding of basic legal vocabulary. The course will include an understanding of the court system at the local, state, and national level. Students will gain an understanding of contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations
(0.5 CTE Credit)

Business Office Specialist

This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students may have the opportunity to obtain a Microsoft Office Specialist industry certificate through Microsoft and Certiport per district discretion. The certification is recognized worldwide as the best method for employers to validate computer skill proficiency. Students will integrate applications learned. This course builds on skills included in Digital Literacy.

Hospitality & Tourism

The Hospitality and Tourism course provides the student with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground transportation, cruising, hotel and lodging, restaurants, and tours. Students will learn the importance of hospitality and tourism's impact on the economy.
(0.5 CTE Credit)

Event Planning & Management

The Event Planning and Management course is designed for students interested in learning about this multi-billion dollar industry. Students are introduced to many facets of

event planning including: site selection, budgeting, promotion, and catering. Students will organize, plan, and evaluate various meetings and events. Examples include, but not limited to conferences, sporting events, weddings, and workshops.

(0.5 CTE Credit)

Lodging & Recreation

This course provides an overview of the lodging and recreation industries nationwide and focuses on the most popular in Utah. Students will learn about lodging, front office operations, forecasting, occupancy levels, recreation, and recreation agencies.

Students will also explore current trends, ethical issues, safety, and liabilities within these industries.

(0.5 CTE Credit)

Animal Science (Applied Course)

Course Description: This course will focus on topics including animal behavior, biotechnology, genetics, nutrition, disease, reproduction, meat science, aquaculture and equine (horse) science. We will also learn about FFA and SAE. Each student in the class is expected to have a personal Ag Project of some kind throughout the year (Supervised Ag Experience) (SAE). Ag students are encouraged to participate in the FFA.

(1.0 Elective Science or CTE Credit)

Ag Science

Ag Sci 1 (Plant, Soil and Natural Resources) (9) (Applied Course)

Course Description: This course will focus on topics including FFA, (SAE) Ag projects, General Ag Science, Biotechnology, Soil Science, Genetics, Natural Resources, Food Science, Basic Plant Sci, Soils, and Ag Business. Each student in the class is expected to have a personal Ag Project of some kind throughout the year (Supervised Ag Experience) (SAE). Ag students are encouraged to participate in the FFA.

(1.0 Elective Science or CTE Credit)

Psychology

Psychology (10-12) (Elective)

Course Description: This course will focus on topics including: Intro to psychology, personality, the brain, sensation and perception, emotions, consciousness, sleep and dreams, conditioning, mental disorders and parenting.

(0.5 Social Studies Elective or CTE Credit)

Environmental Science

Full-year science course investigating factors that determine changes in dynamic ecosystems, biodiversity, and natural resources with an emphasis on management for sustainability. We Explore energy and material resources found on Earth and how they are obtained, used, and conserved to support sustainable societies and ecosystems.

(1.0 Elective Science or CTE Credit)

Ag Biology

Bio Ag (10-12) (Foundation Science)

Course Description: This course will focus on topics including the science, structure and function of cells, cellular reproduction and DNA, genetics, evolution, systems, diversity and ecology, FFA, SAEP, and public speaking. This class qualifies for one life science credit toward graduation. Each student in the class is expected to have a personal Ag Project of some kind throughout the year (Supervised Ag Experience) (SAE). Ag students are encouraged to join the FFA Club. All of you will keep Ag project information on the AET website.

(1.0 Core Science)

Intro to Health Science

Introductory semester CTE science course on beginning anatomy and physiology, medical ethics, diseases/disorders. The course creates an awareness of career possibilities in health care and educational options available for health science and technology programs. The course prepares students for the Medical Anatomy & Physiology course and/or for a variety of health technology programs.

(0.5 CTE Credit)

Medical Terminology

Semester CTE science course that helps students understand the Greek- and Latin-based language of medicine and healthcare. Word roots, suffixes, prefixes, abbreviations, symbols, and terms of human anatomy and movement. This course also stresses the proper pronunciation, spelling, and usage of medical terminology. This class is helpful to anyone considering going into the healthcare field.

(0.5 CTE Credit)

Medical Anatomy/Physiology

Full-year intermediate CTE science course on anatomy & physiology, diseases and disorders, medical ethics, first aid, medical terminology, and healthcare careers. The class is designed to prepare for a variety of health technology programs and advanced health courses.

(1.0 Elective Science or CTE Credit)

Food & Nutrition I

This course is the foundational course in the Culinary Pathway and Food Science, Dietetics and Nutrition Pathway. Experiences will include food safety and sanitation, culinary techniques, food selection, and basic nutrition with a focus on career readiness. Student leadership and competitive events (FCCLA) may be integrated into this course.

(0.5 CTE Credit)

Dietetics & Nutrition I

This course is designed to focus on principles of food preparation, sports nutrition, consumerism, and career options in the food industry. The study and application of nutrition, sanitation, food sciences and technology in this course provides students with laboratory-based

experiences that will strengthen their comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education.
(0.5 CTE Credit)

Interior Design I

This course explores the field of interior design through engaging learning activities. Identification and use of the elements and principles of design are emphasized. Other topics are furniture arrangement, floor plan evaluation, space planning and design related careers. Skills learned can be applied to current living environments and future career options. This course will strengthen comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. FCCLA may be an integral part of this course.
(0.5 Can count as Fine Art OR CTE credit)

Interior Design II

This course provides students the opportunity to develop skills in applying the elements and principles of design to interiors. Projects are integrated throughout the course to provide applications as the students' study: architecture, furniture styles and constructions, surface treatments and backgrounds, design and function of space and lighting. FCCLA may be an integral part of this course.
(0.5 Can count as Fine Art OR CTE credit)

Child Development

Students will understand the aspects of child growth and development, positive guidance techniques, and child-related issues. Learning activities, observation techniques, and lab experiences in working with young children may be included. This course will strengthen comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. Family, Career and Community Leaders of America (FCCLA) supports student leadership and has competitive events that may be an integral part of the course.
(0.5 CTE Credit)

Sewing Constructions & Textiles I

This course introduces students to basic apparel design and construction skills. These skills prepare students for the exciting global apparel industry, entrepreneurial opportunities, as well as project management in any field. Students will sew apparel and accessory projects. Student leadership and competitive events (FCCLA) may be integrated into this course.
Sewing and Construction and Textiles 2

Students will strengthen and broaden apparel design, production, and project management techniques. In this course students will design and construct intermediate level projects using various construction techniques. Preparing students for industry and entrepreneurial opportunities. Student leadership and competitive events (FCCLA) may be integrated into this course.
(0.5 CTE Credit)

Computer Science Principles

Computer Science Principles is a new course that seeks to broaden participation in computing and computer science. The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include: 1. Computing is a creative activity. 2. Abstraction reduces information and detail to facilitate focus on relevant concepts. 3. Data and information facilitate the creation of knowledge. 4. Algorithms are used to develop and express solutions to computational problems. 5. Programming enables problem solving, human expression, and creation of knowledge. 6. The Internet pervades modern computing. 7. Computing has global impacts.

(1.0 Core Science Credit or CTE Credit)

IT Fundamentals

IT Fundamentals — Learn the hardware side of computer science. This includes installing, building upgrading, repairing, preventative maintenance, and other skills related to personal computer hardware.

(0.5 CTE Credit)

Web Development

Web development 1 and 2— Learn how to design web sites. Including HTML, JavaScript and CSS (coding languages for web pages).

(0.5 CTE Credit)

Sports Psychology

This course will give an overview of the principles of psychology as applied to sport, exercise, and recreational activity for enhanced interactions and performance. This course will examine elements of sport psychology such as anxiety, self-confidence, motivation and goal setting, leadership, and group dynamics with sport and recreational activities.

(0.5 Social Studies or CTE Credit)

Sports Medicine

This semester long course is designed to teach students components of exercise science/sports medicine; including exploration of therapeutic careers, medical terminology, anatomy and physiology, first aid, injury prevention principles, the healing process, rehabilitation techniques, therapeutic modalities, sport nutrition, sport psychology, and performance enhancement philosophies.

(0.5 CTE Credit)

Woods I

This course examines the processes and strategies of cabinetry, millwork and shop safety. You will first build a nightstand with a drawer. You will then move onto a second project (choice of six different options). Each student is expected to give 100% in all activities. The success of your experience in this course will depend upon the efforts that you put forth.

(1.0 CTE Credit)

Woods II

This class will help build upon the knowledge and skills you gained from Beginning Cabinetmaking. This course further examines the processes and strategies of safety, cabinetry, millwork, and drafting as it relates to cabinetry. You will enhance your understanding of cabinetry as you design, draft, and build challenging personal projects. Each student is expected to give 100% in all activities. The success of your experience in this course will depend upon the efforts that you put forth. *[Snow college concurrent enrollment available for this class \(must be a junior or senior and have taken woods at least once before\)](#)*

(1.0 CTE Credit)

Welding I

This course examines the processes and strategies of welding, metalworking, shop safety and drafting as it relates to welding technology. In Welding 1 You will learn to weld with stick (SMAW) and mig (GMAW) and learn cutting with oxy/acetylene as well as many other skills necessary to work in a weld shop. You will build personal projects including a small table and one you design, these projects will help you apply your learning of welding and manufacturing skills. Each student is expected to give 100% in all activities. The success of your experience in this course will depend upon the efforts that you put forth.

(1.0 CTE Credit)

Welding II

This course builds on the knowledge you gained in welding 1, further examining the processes and strategies of welding, metalworking, shop safety and drafting as it relates to welding technology. In Welding 2 You will learn to weld with flux core (FCAW), Tig (GTAW), mig spray and learn cutting with plasma arc and Air Carbon arc gouging as well as many further developing other skills necessary to work in a weld shop. You will build personal projects of your own design, these projects will help you apply your learning of welding and manufacturing skills. Each student is expected to give 100% in all activities. The success of your experience in this course will depend upon the efforts that you put forth. *[Snow college concurrent enrollment available for this class \(must be a junior or senior and have taken welding at least once before\)](#)*

(1.0 CTE Credit)

Welding III

This course builds on the knowledge you gained in welding 2, further examining the processes and strategies of welding, metalworking, shop safety and drafting as it relates to welding technology. In Welding 3 you will advance to out of position welding and weld bend testing with stick, mig, and tig processes.. You are expected to challenge yourself with personal projects of your own design, these projects will help you apply your learning of welding and manufacturing skills. Each student is expected to give 100% in all activities. The success of your experience in this course will depend upon the efforts that you put forth. *[Snow college concurrent enrollment available for this class \(must be a junior or senior and have taken welding at least once before\)](#)*

(1.0 CTE Credit)

Manufacturing Principles / Green Car (By Permission Only)

This course is designed to allow students the opportunity to explore manufacturing as it relates to green car technology. You will participate in a project based learning environment where we research, design, build and modify small electric cars. The capstone of this class being the opportunity to race these cars at a state race. You will be a part of a racing team with assigned job titles and corresponding responsibilities. This course teaches basic entry level skill-sets that could support Manufacturing. Each student is expected to give 100% in all activities. The success of your experience in this course will depend upon the efforts that you put forth. We have partnership and internship opportunities with local manufacturing companies where this course is a prerequisite for eligibility.

(1.0 CTE Credit)

CAD Mechanical Design

This course prepares individuals to develop technical knowledge and skills required to plan and prepare scaled pictorial interpretations and technical documentation of engineering and design concepts. This includes instruction in the use of 2D and 3D Computer-Aided Design(CAD) software, sketching, drawing layout, geometric construction, orthographic projections, and dimensioning.

(1.0 CTE Credit)

Engineering Principles I/II

This is a “hands on” course that ties observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By using problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities.

(1.0 CTE Credit)

CAD Architectural I

This course prepares individuals for careers in the Architectural, Engineering, and Construction industry. This course includes instruction in 2D and 3D Computer-Aided Design(CAD) Software to draw a small residential home with emphasis on blueprint reading.

(1.0 CTE Credit)