ACCT 1010 – Applied Business Accounting
For non-accounting majors, introduces basic bookkeeping practices through the complete accounting cycle for hospitality and service companies. 2.0 Credit Hours

ART 1010 - Intro to Art
Fulfills General Education Fine Arts requirement. Includes identification of major art forms, brief survey of art history, investigation of art criticism, introduction of various media, and identification of elements and principles of art. 3.0 Credit Hours

ASL 1010 – Beginning American Sign Language I
For beginning students interested in American Sign Language. Emphasizes principles, methods, and techniques of communicating manually with deaf individuals. Teaches basic receptive and expressive skills, overviews basic grammatical structure in signing, and explores deaf culture. A variety of teaching methods are employed, including drills, videos, and work in pairs. This course partially qualifies students to receive an Associate of Arts degree or Bachelor of Arts degree for some majors. Successful completers are prepared to take ASL 1020 (1020 is not covered under Concurrent Enrollment funding). Placement in foreign language classes is at the discretion of the Department Chair. 4.0 Credit Hours

AUTO 1100 – Automotive Fundamentals
For students with an interest in the basics of automotive technology in order to understand the function and operation of both components and systems while promoting pride in the trade and the role of the certified automobile technician. Covers design, construction, and operation of all major automotive systems. Combined lab and lecture. 3.5 Credit Hours

BIOL 1010 – General Biology
Fulfills General Education Biology Life Sciences requirement. Not for science majors, this course focuses on general principles of Biology, including cell theory, genetics, evolution, and interrelationships of living things, using a variety of teaching methods including lecture/discussion, laboratory, overheads, videos, quizzes, and exams. Co-requisite: BIOL 1015, required for concurrent enrollment credit. 3.0 Credit Hours

BIOL 1015 – General Biology Lab
Lab course designed to accompany BIOL 1010. Students will have hands-on experience in a laboratory setting, including the use of microscopes, measurement and simple data analysis, observations of osmosis and diffusion, and other group activities in order to appreciate the true essence of science and the scientific process of acquiring knowledge through inquiry. A $75.00 lab fee is required when this class is taught on the University campus. Co-requisite: BIOL 1010, 1.0 Credit Hour

BIOL 1610 – Principles of Biology I
Fulfills General Education Life Sciences requirement. Introductory course required of all Biology majors, including pre-health science, pre-nursing, pre-veterinary, pre-medical, pre-
dental, and other pre-professional students. Emphasizes the scientific method; cell processes, including basic chemistry, cellular level structure, and function; and the principles of inheritance, evolution and ecology. Fulfills prerequisite to most other Biology courses. Co-requisite: BIOL 1615. 4.0 Credit Hours

**BIOL 1615 – Principles of Biology I Lab**
Lab portion of BIOL 1610. An $80.00 lab fee is required. Co-requisite: BIOL 1610. 1.0 Credit Hour

**BUS 1010 – Intro to Business**
Basic, introductory course designed to give students with little or no understanding of business a broad overview and understanding of the business world. Covers fundamental concepts of business such as definitions, business environment, business operations, role of business in the economy, the role of profit in business, and how a business is established, financed, operated, and managed. 3.0 Credit Hours

**CHEM 1010 – Intro to Chemistry**
Fulfills General Education Physical Science requirement for students majoring in Business, Communication, Fine Arts, Humanities, and other non-Science disciplines. Emphasizes basic chemical concepts within daily life. Co-requisite: CHEM 1015 is required for Concurrent Enrollment credit. 3.0 Credit Hours

**CHEM 1015 – Intro to Chemistry**
Lab portion of CHEM 1010. A $50.00 lab fee is required when taught on the University campus. Co-requisite: CHEM 1010. 1.0 Credit Hour

**COMM 2110 – Interpersonal Communications**
Fulfills General Education Social & Behavioral Sciences requirement. Required of all Communication majors. Focuses on communication skills in a wide range of interpersonal areas appropriate to business or personal relationships, and involving initiating, developing, maintaining, and controlling the deterioration of relationships, with emphasis on listening, assertiveness, supportive climates, conflict, power management, and disclosure. Introduces the special needs of intercultural communication, and prepares students to effectively express ideas in one-to-one settings. 3.0 Credit Hours

**CS 1400 – Fundamentals of Programming**
Required of all students pursuing Computer and Information Technology degrees. Open to all students with a general interest in computer programming. Covers structured programming techniques and the syntax of a high level programming language through completion of programming projects of increasing difficulty. 3.0 Credit Hours

**CS 1410 – Object Oriented Programming**
Required of all students pursuing Computer and Information Technology degrees. Open to all students with a general interest in computer programming. Introduces object oriented programming techniques through completion of programming projects of increasing difficulty. Prerequisite: CS 1400 (grade C- or higher). 3.0 Credit Hours
EDUC 1010 – Intro to Education
Required prerequisite course for both the Elementary Education degree and the Secondary Education Teaching (SET) program. Provides an overview of vocational aspects of a teaching career including: certification requirements, foundations of education, current and historical issues in education, an overview of current trends in methodology, and classroom management. This class provides students with an opportunity to assess oneself as a prospective teacher. Various teaching methods are used including lecture, cooperative learning, inquiry methods, direct instruction and mastery learning. Students are required to do two full observation days in local K-12 school settings. 3.0 Credit Hours

ENGL 1010 – Introduction to Writing
Partially fulfills General Education English requirement. Designed to improve students’ abilities to read, analyze, and write expository papers. Provides opportunities to write and revise a number of essays. Activities, library research, portfolios, writing to a style guide, and tests may also be used to prepare students to write college level papers. Successful completers (grade C or higher) will be prepared to take ENGL 2010. Pre or Co-requisite: LIB 1010 – Information Literacy; AND an English ACT placement score of 19 or higher AND an ACT Reading placement score of 17; OR an Accuplacer (College Placement Test – CPT) English placement score of 86 or higher AND an Accuplacer (College Placement Test – CPT) Reading placement score of 66 or higher; OR an SAT English placement score of 445 AND an SAT Reading placement score of 420 or higher. 3.0 Credit Hours

ENGL 2010 – Intermediate Writing: Selected Topics
Partially fulfills General Education English requirement. Provides opportunities to analyze and write academic papers, including the research-supported essay, through writing and revising a number of essays. Other activities, such as portfolios, library research, and tests may be used to help students improve their writing of advanced-level papers. Successful students will demonstrate competence in the use of standard written English, in analyzing texts, in correctly paraphrasing, summarizing and quoting source material, and in appropriately citing the work of others. Prerequisites: ENGL 1010 with a C grade or higher and LIB 1010 (can be taken concurrently). Students must be seniors in high school. 3.0 Credit Hours

ENGL 2200 – Introduction to Literature
Fulfills a General Education Humanities requirement. For all students who would like to increase their enjoyment of literature. Provides basic understanding of novels, short stories, poems, plays, and essays. Students will learn to read analytically and write critically. 3.0 Credit Hours

FIN 1750 – Personal Finance
Open to all students who spend money (or plan to spend money). Covers conceptual tools needed to function in an expanding economy that requires personal financial decisions such as spending, saving, borrowing, insurance, consumer product purchases and investing decisions, as well as development of a personal budget, following a stock, and a group exploration presentation. 3.0 Credit Hours
GEO 1010 – Introduction to Geology
Fulfills General Education Physical Science requirement for non-Science majors. General survey of physical Geology, focusing on developing an appreciation for the region’s scenic landforms and their origins, as well as Earth history and processes, natural resources, geological hazards, and landforms. GEO 1015 lab course is recommended but not required. Field trip required. A $15.00 course fee is required. 3.0 Credit Hours

GEO 1015 – Introduction to Geology Lab
A laboratory course to be taken concurrently with Geology 1010, not required. A $40.00 lab fee is required. Co-requisite (as applicable): GEO 1010. 1.0 Credit Hour

HIST 1700 – American Civilization
R470) requirement. Surveys the historical, constitutional, and economic growth of the United States from colonial times to the present. Employs lectures, discussion, audio-visual materials, and various other instructional methods. Successful students will demonstrate a reasonable understanding of the history, principles, form of government, and economic system of the United States, as well as an appreciation of the American heritage and the responsibilities of American citizens. Prerequisite: An ACT Reading placement score of 17 or higher; OR an Accuplacer (College Placement Test – CPT) Reading placement score of 66 or higher; OR an SAT Reading placement score of 415 or higher. 3.0 Credit Hours

HLOC 1000 – Medical Terminology
Strongly recommended for students entering health professions; open to all students. Emphasizes memorization of word roots, suffixes, and prefixes of both Greek and Latin origin, as well as proper pronunciation and spelling of medical terms. Material is organized according to body systems; some basic anatomy and physiology is included. 2.0 Credit Hours

HUM 1010 – Intro to Humanities
Fulfills a Literature/Humanities General Education requirement and is an approved Global and Cultural Perspectives course. For students in all disciplines with an interest in exploring the interrelationship of art, literature, music, philosophy, architecture, sculpture, and other art forms. Enhances appreciation and understanding of all forms of creative human expression. Includes readings, films, group discussions, lectures, and written responses to the humanities through papers and exams. Successful students will demonstrate skill on exams and in discussing, reading and writing about the humanities. 3.0 Credit Hours

LIB 1010 – Information Literacy
Fulfills general Education Information Literacy requirement by introducing students to college-level research in an online course. Students will learn to determine the extent of information needed; access the needed information effectively and efficiently; evaluate information and its sources critically; incorporate selected information into one’s knowledge base; use information effectively to accomplish a specific purpose; understand the economic, legal, and social issues surrounding the use of information; and access and use information ethically and legally. Competency-based course, graded Pass/Fail. Pre or Co-requisite: ENGL 1010 or 2010; AND an ACT English writing score of 19 or higher; OR an Accuplacer (College
Placement Test – CPT) English writing score of 86 or higher; OR an SAT English writing score of 445 or higher. 1.0 Credit Hour

MATH 1010 – Intermediate Algebra
Prepares students for courses that fulfill the General Education Math requirement. Concepts emphasized in this course include the properties of the real number system, sets, functions, graphs, algebraic manipulations, linear and quadratic equations, systems of equations, and story problems. Students will be expected to reason mathematically and solve mathematical problems. Successful completion of the course gives students good preparation for college-level math courses. Successful completers satisfy prerequisite for MATH 1030, MATH 1040, MATH 1050, and Mathematics prerequisite for BIOL 2030, CHEM 1120, PHYS 1010, and STAT 2040. Prerequisite: An ACT Math placement score of 18 or higher within two years of enrollment in this course; OR an Accuplacer (College Placement Test – CPT) Math placement score of 54 or higher within two years of enrollment in this course; OR an SAT Math placement score of 425 or higher within two years of enrollment in this course. Course only offered as concurrent enrollment credit on the high school campuses by qualified instructors. 4.0 Credit Hours

MATH 1040 – Introduction to Statistics
Fulfills General Education Mathematics requirement for students majoring in Communications, Social & Behavioral Sciences, Fine Arts, or Liberal Arts. Introduction to basic concepts and methods used in statistical data analysis; includes descriptive statistics, sampling, and inferential methods while emphasizing problem solving and critical thinking. Microsoft Excel is used to perform statistical calculations, organize and analyze data, and construct graphs. Required for Utah Level 2 Math Endorsement. (Students are cautioned to check degree and/or transfer requirements before taking this course.) Successful completers satisfy Mathematics prerequisite for PSY 3000. Prerequisite: Math 1010 (Grade C or higher) within two years of enrollment in this course; OR an ACT Math placement score of 23 or higher within two years of enrollment in this course; OR an Accuplacer (College Placement Test – CPT) Math placement score of 89 or higher within two years of enrollment in this course; OR an SAT Math placement score of 540 or higher within two years of enrollment in this course. 3.0 Credit Hours

MATH 1050 – College Algebra/Pre-Calculus
Fulfills General Education Mathematics requirement for students majoring in Business, Elementary Education, Health Sciences, Science, and other majors. Reviews fundamental algebra; explores polynomial and rational functions; introduces exponential and logarithmic functions and applications; trigonometric functions dealing with graphs, identities, and equations, including inverse functions. Required for Utah Level 2 and Level 3 Math Endorsements. Satisfies prerequisites for MATH 1060, MATH 1100, MATH 1210 (also needs MATH 1060), and MATH 2010, and Mathematics prerequisite for BIOL 3150, and CHEM 1210. Prerequisite: MATH 1010 (grade C or higher) within two years of enrollment in this course; OR an ACT Math placement score of 23 or higher within two years of enrollment in this course; OR an Accuplacer (College Placement Test – CPT) Math placement score of 89 or higher within two years of enrollment in this course; OR an SAT Math placement score of 540 or higher within two years of enrollment in this course. 4.0 Credit Hours
MATH 1060 – Trigonometry
Fulfills General Education Mathematics requirement. Continuation of MATH 1050, involving further discussion of trigonometry and its applications, analytic geometry including conic sections, systems of equations and inequalities, and partial fractions, as well as introducing discrete algebra including sequences and series and the binomial theorem. Required for Utah Level 2 and Level 3 Math Endorsements. Successful completion fulfills prerequisite for MATH 1210 (along with 1050), and Mathematics prerequisite for PHYS 2010. **Prerequisite:** MATH 1050 (grade C or higher) within two years of enrollment in this course; OR an ACT Math placement score of 25 or higher within two years of enrollment in this course; OR an Accuplacer (College Placement Test – CPT) Math placement score of 95 or higher within two years of enrollment in this course; OR an SAT Math placement score of 580 or higher within two years of enrollment in this course. 3.0 Credit Hours

MATH 1065 – Pre-calculus with Trigonometry
Fulfills General Education Mathematics requirement. Provides in-depth review of pre-calculus and trigonometry before entering trig based calculus by reviewing concepts taught in MATH 1050 and MATH 1060. Successful completion fulfills prerequisite for MATH 1210, and Mathematics prerequisite for PHYS 2010. **Prerequisite:** MATH 1010 (grade B or higher) within two years of enrollment in this course; OR an ACT Math placement score of 25 or higher within two years of enrollment in this course; OR an Accuplacer (College Placement Test – CPT) Math placement score of 95 or higher within two years of enrollment in this course; OR an SAT Math placement score of 580 or higher within two years of enrollment in this course. 5.0 Credit Hours

MATH 1210 – Calculus I
Fulfills General Education Mathematics requirement. Students will gain a basic understanding of calculus, the mathematics of motion and change, including limits and continuity, differentiation, applications of differentiation, integration, applications of integration, derivatives of exponential functions, logarithmic functions, inverse trigonometric functions, hyperbolic functions, and related integrals. Students must have a working knowledge of college algebra and trigonometry, and a graphing calculator is strongly recommended. Required for Utah Level 2, 3, and 4 Math Endorsements, and for students majoring in Computer Science. Successful completion fulfills prerequisite for MATH 1220, and Mathematics prerequisite for ENGR 2010 and PHYS 2210. **Prerequisite:** MATH 1050 AND MATH 1060 (grade C or higher); OR MATH 1065 (grade C or higher); OR an ACT Math placement score of 26 or higher; OR an Accuplacer (College Placement Test – CPT) Math placement score of 105 or higher; OR an SAT Math placement score of 600 or higher within two years of enrollment in this course. 5.0 Credit Hours

MATH 1220 – Calculus II
Fulfills General Education Mathematics requirement. Continuation of MATH 1210, covering length, area of a surface of revolution, moments and centers of mass, integration techniques, sequences and series, parameterization of curves and polar coordinates, vectors in 3-space, quadric surfaces, and cylindrical and spherical coordinates. Required for Utah Level 3 and 4 Math Endorsements. Successful completion fulfills prerequisite for MATH 2210, and Mathematics prerequisite for ENGR 2250, ENGR 2300, and PHYS 2210. **Prerequisite:** MATH 1210 (grade C or higher). 4.0 Credit Hours
MGMT 1650 – Supervision Management
Provides preparation in functions of organizations, communications, personnel management, leadership, motivation, employee appraisal, productivity, and career paths. Students will exercise management decision-making skills and problem solving techniques in group discussion by using up-to-date case analysis. 3.0 Credit Hours

MGMT 2600 – Entrepreneurship
Covers the advantages and disadvantages of owning and/or operating a business; includes necessary steps necessary in starting a small business. Students will construct a business prospectus to provide “hands on” exposure to the world of business. 3.0 Credit Hours

MKTG 2550 – Marketing Essentials
Required of students pursuing a General Marketing degree; and open to other interested students. Covers the vocabulary and the basic understanding of the marketing concepts, including an overview of the process of target marketing, marketing opportunities, product and distribution decisions, integrated marketing communications and pricing policies, with an emphasis on practical decisions for small businesses. 3.0 Credit Hours

MUSC 1010 – Introduction to Music
Fulfills General Education Fine Arts requirement. An introductory survey of the elements, style periods, and standard repertoire of Western traditional art music. Emphasis given to improving the student’s listening skills. Includes lecture, demonstration, and discussion of representative musical examples and historical background on composers and musical genres. Assignments may include attendance at specific concerts, written projects, and individual listening. Students who successfully complete this course will gain a broader knowledge of musical elements and how they are characteristically used in each major style period, along with developing better listening skills through perception, understanding, and practice. 3.0 Credit Hours

NFS 1020 – Scientific Foundations of Nutrition
Fulfills General Education Life Science requirement. Open to all students who have an interest in human nutrition and how it relates to individual dietary requirements. May be of particular interest to students with an emphasis in Health Sciences, Education, or related fields. Various periods during the life cycle - infancy, childhood, adolescence, pregnancy, and the later years--and their specific nutrient needs will be analyzed as well as the basic nutrients and how they are absorbed and used by the body. Other areas of focus will include nutrition for athletes, eating disorders, weight control, and food safety. Includes lecture, multi-media, applied nutrition group activities, guest lecturers, and computer analysis of personal diet. Students will record and analyze their own diet. 3.0 Credit Hours

PHYS 1010 – Elementary Physics
Fulfills General Education Physical Science requirement for students not majoring in Physics, other Sciences, or Engineering. Covers the basic concepts of physics in an historical perspective, providing many practical examples that demonstrate the role of physics in their everyday life. The PHYS 1015 lab is required for classes taught on high school campuses for Concurrent Enrollment credit. Prerequisite: MATH 1010 (grade C or higher) within two years prior to enrollment; OR an ACT Math placement score of 23 or higher within two years prior to
enrollment; OR an Accuplacer (College Placement Test – CPT) Math placement score of 89 or higher within two years prior to enrollment; OR an SAT Math placement score of 525 or higher within two years prior to enrollment. (School districts and the University Concurrent Enrollment Office have agreed to allow students to register for this class if they have successfully completed a high school level biology, chemistry or math class as noted on a high school transcript. Please meet with your high school counselor regarding this requirement.) 3.0 Credit Hours

**PHYS 1015 – Elementary Physics Lab**  
Lab portion of PHYS 1015. Co-requisite: PHYS 1010. 1.0 Credit Hour

**POLS 1100 – American Government**  
Fulfills the General Education American Institutions (Utah State Code R470) requirement. Surveys the founding of the U.S. Government, the U.S. Constitution, and the Legislative, Executive, and Judicial branches of government. Also covers politics and elections, international relations, and national security. Helps students acquire a greater understanding of the federal system and of federalism. Employs a wide variety of instructional methods including lectures, student reports, discussions, and audio-visual materials. Successful students will demonstrate a reasonable understanding of the history, principles, form of government, and economic system of the United States. Prerequisite: An ACT Reading placement score 17 or higher; OR an Accuplacer (College Placement Test – CPT) Reading placement score of 66 or higher; OR an SAT Reading placement score of 415 or higher. 3.0 Credit Hours

**PSY 1010 – General Psychology**  
Fulfills General Education Social and Behavioral Sciences requirement. For students in all disciplines who are interested in the fundamental scientific principles of behavior. Includes the study of learning, motivation, emotion, personality, mental disorders, treatment alternatives, and other related subjects as part of the course. Critical thinking will be explored in examining these aspects of behavior. Students will have frequent examinations and quizzes as part of the course requirements. 3.0 Credit Hours

**PSY 1100 – Human Development through Lifespan**  
Fulfills General Education Social and Behavioral Sciences requirement. For all students who are interested in knowing how and why people change through the course of a lifetime. Covers biological, cognitive, and social changes from prenatal development to late adulthood. Studies scientific methods of collecting and interpreting data, analyzes developmental events from various perspectives, and focuses on applying this knowledge to one’s own development. Utilizes textbook reading, tests, quizzes, and journal writing. Dual listed with FCS 1500 (students may take only one course for credit). 3.0 Credit Hours

**THEA 1013 – Introduction to Theatre**  
Fulfills General Education Fine Arts requirement. Not a performance class. Emphasizes the appreciation skills needed to become a discriminating audience member of live theatre, including producing, play writing, directing, acting, designing and critiquing. Students must attend live theatre productions, and textbook readings, lecture, audio/video, demonstration, discussion, quizzes, tests, and exercises are also used. Students are required to attend live Dixie State
College theatre productions. Successful completers will be more discerning and sensitive theatre audience members. 3.0 Credit Hours