

CONCURRENT ENROLLMENT

The following is a list of approved concurrent enrollment course descriptions. Information on degree requirements, admission standards, program learning outcomes, etc., is published on the college's [Course Descriptions & Outlines](#) webpage.

BIOLOGY

Course # & Title	Credits	Course Description
BIOL 1410 Introduction to Biology I	4	This course meets Minnesota Transfer Curriculum (MnTC) goal area 3. This course includes an understanding and evaluation of the scientific method, an understanding of body nourishment and the body's ability to transform nourishment into energy, and an evaluation of fat intake. Units of study include the science of genetics (including DNA structure), replication, and gene expression. The course also investigates the genetic relationship to cancer and genetically modified organisms. Units of study investigate the evidence for evolution and natural selection. Lab experience is included.
BIOL 1411 Introduction to Biology II	4	This course provides the learner with a broad introduction to principles and theories in biology. It includes an investigation into the biodiversity, classification of species, and ecology of life. This course addresses the fundamentals of conservation, including the impacts of humans on the environment. Lab experience is included.
BIOL 1417 Human Anatomy & Physiology I	4	This course meets Minnesota Transfer Curriculum (MnTC) goal area 3. This course provides the learner with an understanding, knowledge, and application skills needed in the area of anatomy and physiology. Students recognize and apply anatomical and medical terminology descriptions of cellular and tissue anatomy and physiology. Foundational skills are then directed toward gaining an understanding of the organs constituting the integumentary, skeletal, muscular, and nervous, systems. The normal structure and function of these organ systems are emphasized. Where appropriate, dissections, symptoms, laboratory signs and diagnosis of system pathology are used to illuminate normal processes. Prerequisite: College-level reading score on placement test or READ0900 (College Prep Reading).
BIOL 1419 Human Anatomy & Physiology II	4	This course meets Minnesota Transfer Curriculum (MnTC) goal area 3. This course provides the learner with understanding, knowledge, and application skills needed in the area of anatomy and physiology. Learners apply anatomical and medical terminology and an understanding of cellular and tissue anatomy and physiology toward gaining an understanding of the organs constituting respiratory, digestive, urinary, reproductive, endocrine, and lymphatic systems. The normal structure and function of these organ systems are emphasized. Lab experience is included. Dissections, symptoms, laboratory signs, and diagnosis of system pathology are used to illuminate normal processes where appropriate. Prerequisite: BIOL1417.
BIOL 1430 People and the Environment	3	This course meets Minnesota Transfer Curriculum (MnTC) goal area 10. When this course is taken with BIOL1431 (Lab), it meets MnTC Goal 3 and 10. This course discusses the major environmental problems challenging life on Earth. The major purpose of the class is to heighten awareness of environmental problems and to employ critical thinking to address possible solutions to these problems. Discussions include land use practices in Douglas County, Minnesota and their impact on the environment.
BIOL 1431 People and the Environment Lab	1	This course meets Minnesota Transfer Curriculum (MnTC) goal area 3. When this course is taken with BIOL1430 (lecture), it meets Minnesota Transfer Curriculum (MnTC) goal area 3 and 10. The lab focuses on giving learners an understanding of how environmental issues and problems are studied and sampled in the field.

		Numerous field trips to different sites in Douglas County (or provided visual images) allow sampling and visual observation of activities affecting the environment.
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CHEMISTRY

Course # & Title	Credits	Course Description
CHEM 1406 Fundamentals of Chemistry	4	This course meets Minnesota Transfer Curriculum (MnTC) goal areas 2 and 3. This course provides the learner with an understanding of the principles and theories of chemistry. It includes concepts of inorganic chemistry, basic rules of valence, atomic and molecular structure, laws of chemical combination, types of reactions, and gas laws. It also introduces the learner to concepts of solutions, acids and bases and chemical equilibrium. Lab experience is included.
CHEM 1500 General Chemistry I	4	This course meets Minnesota Transfer Curriculum (MnTC) goal areas 2 and 3. This course provides the learner with an understanding of the principles and theories of inorganic, physical, solution, and gas phase chemistry. It includes general chemistry principles of atomic structure; stoichiometry; solutions; bonding; thermochemistry; electronic structure; periodic properties of the elements; properties of solids, liquids and gases; molecular geometry; and intermolecular forces. The laboratory component introduces relevant techniques, methods, and instrumentation. This course is intended for chemistry majors and minors, biology majors, and pre-professional students. Fundamentals of Chemistry (CHEM1406) is recommended but not required. Prerequisites: College level mathematics score on a placement test or a minimum grade of "C" in Intermediate Algebra (MATH0431).
CHEM 1505 General Chemistry II	4	This course meets Minnesota Transfer Curriculum (MnTC) goal areas 2 & 3. This course provides the learner with a continued development of the principles and theories of inorganic, physical, solution, and gas phase chemistry begun in CHEM 1500. It includes general chemistry principles of intermolecular forces; solutions; solids; kinetics; chemical, acid-base, and solubility equilibria; thermodynamics; electrochemistry; and nuclear chemistry. The laboratory component introduces techniques, methods, and instrumentation to further the content taught in lecture. Intended for chemistry majors and minors, biology majors, and pre-professional students.

COMMUNICATIONS

Course # & Title	Credits	Course Description
COMM 1415 Public Speaking	3	This course meets Minnesota Transfer Curriculum (MnTC) goal area 1. This course covers the theories, practices, and methods of public speaking, group problem solving, critical listening, and critiquing. The focus in this course is on the concepts of planning and delivering oral presentations and enhancing learner listening skills.
COMM 1485 Social Media Communication	3	This course examines the history, rise, and growth of social media in the 21st century. Students will study how social media impacts communication in our social, political, and cultural worlds. Students will develop an understanding of effective and ethical communication practices with a variety of interactive web tools such as Facebook, X, YouTube, Instagram, Snapchat, blogs, and podcasts.

ECONOMICS

Course # & Title	Credits	Course Description
ECON 1430 Introduction to Microeconomics	3	This course is a sub area of economics that analyzes individuals as consumers and producers and specific firms and industries.

ENGLISH

Course # & Title	Credits	Course Description
ENGL 1410 Composition I	3	This course deals with the fundamentals of expository writing based on reading or personal experience. It stresses organization, the process of writing, English grammar, mechanics, and style. Emphasis is on the strategies of exposition as well as effective description and narration. This course offers students an introduction to the academic research process, as well. Students learn the process method of writing that can be utilized in business, academic, and creative writing. Prerequisite: College level writing score on a placement test or a minimum grade of C in ENGL0900 (College Prep Writing).
ENGL 1420 Composition II	3	This course is a continuation of Composition I (ENGL1410), with stress on analytical writing, research, and documentation of supporting evidence. Learners write critical analysis, cause/effect, and persuasive essays. Prerequisite: ENGL1410.
ENGL 1475 Introduction to Literature	3	This course meets Minnesota Transfer Curriculum (MnTC) goal area 6. This course deals with the fundamentals of reading and responding to literature. It stresses application of literary terms through analysis and reaction. Emphasis is on discussing, questioning, and asserting viewpoints. Prerequisite: ENGL1410.
ENGL 2405 Modern to Contemporary American Literature	3	This course will explore the evolution of the American novel from the beginning of the twentieth century to the end. Analysis of a broad range of American novels will allow students to develop an understanding of the literary, political, historical, and social contexts that have fashioned the novel's form and content in the United States. Students will examine how these selected American novels both shaped and responded to the contexts in which they were produced, helping students to sharpen the ability to read, comprehend, and interpret a literary work as well as to gain a general knowledge of the significant cultural, political, philosophical, and literary movements of the twentieth century. Prerequisite: READ0900.

HISTORY

Course # & Title	Credits	Course Description
HIST 1401 U.S. History to 1877	3	This course is an overview of American history from the time of earliest colonization to 1877. Interpretations focus on the political, social, economic, and cultural development of the United States. Course time is also spent analyzing the role of the United States in the development of other regions of the world during this time period.
U.S. History, 1877 to Present	3	This course is an overview of United States history from the year 1877 to the present. Interpretations focus on the political, social, economic, and cultural development of the United States in this time period. Focus is on issues defined by industrial production, challenges to traditional ways of thinking about democracy, and the effects of nuclear weaponry on political and social realities.

INFORMATION TECHNOLOGY

Course # & Title	Credits	Course Description
ITEC 1430 Computer Applications and Technology	3	This course introduces the components of a personal computer, computer terminology, the internet, email, and the creation of documents, presentations, worksheets, and databases through hands-on experience with the Microsoft Windows operating system and the Microsoft Office Suite (Word, PowerPoint, Excel, Access, and Outlook). This course is designed as a general education course for all learners, regardless of their career choice. This course enhances the learner's knowledge and understanding of computers and their awareness of how computers impact their lives. Required hardware: Windows-based PC required with the operating system Windows 10 or higher. Chromebooks or other Apple devices are not compatible. Required software: Windows 10 or higher and Office 365 or Microsoft Office Professional 2021.

MARKETING

Course # & Title	Credits	Course Description
MKTG 2525 Principles of Marketing	3	This is an introductory course to provide learners with basic concepts of marketing as well as gain an understanding of the functions of marketing and how they relate to the entire marketing cycle. Learners will examine how marketing strategies affect consumerism from a variety of perspectives.

MATHEMATICS

Course # & Title	Credits	Course Description
MATH 1421 College Algebra	4	This course is for learners with a solid foundation in algebra. Topics include algebraic expressions, linear equations, algebraic word problems, exponents, systems of linear equations, functions, graphs, and quadratic equations. The focus of this course is to develop algebraic math skills to the extent that the learner can apply these skills to solving practical real world problems. A graphing calculator is required. Prerequisite: College level math score on a placement test or concurrently taking the Bridge to College Algebra course MATH0421.
MATH 1425 Precalculus	4	This course meets Minnesota Transfer Curriculum (MnTC) goal area 4. This course, covering topics in college algebra and trigonometry, prepares learners for calculus and other advanced math courses. Topics include algebraic manipulation, graphing, and applications related to polynomial, rational, exponential, logarithmic, and trigonometric functions. A graphing calculator is required. Prerequisite: College level math score on a placement test or a minimum grade of "C" in Intermediate Algebra (MATH0431).
MATH 1426 Calculus I	4	This course introduces students to the basic concepts of differential and integral calculus: beginning with the definition of limits, limits and continuity, progressing to differentiation and integration of functions, sketching of functions, application of definite integrals, concluding with the Fundamental Theorem of Calculus.
MATH 1432 Principles of Trigonometry	3	This course meets Minnesota Transfer Curriculum (MnTC) goal area 4. Instruction regards right angle and oblique triangle trigonometry and use of the sine law and cosine law. The focus of this course is on geometric shapes. Prerequisite: MATH1421.
MATH 1447 Introduction to Statistics	4	This course is primarily for business, science, liberal arts, psychology, and education majors. Topics studied include descriptive measures for empirical data, theory of probability, probability distributions, sampling distributions of statistics from large and small samples, estimation theory, hypothesis testing, correlation, and regression.

MUSIC

Course # & Title	Credits	Course Description
MUSC 1500 American Music and Culture	3	This course explores how various music genres intersect with the cultural framework of U.S. society through time. The course begins with the origins of American folk music, moves through 20th century forms, and ends at present day musical innovations. As each musical style is traced to its country of origin, students will gain new perspectives about how this art form reflects perspectives of national and local interests (politics, social movements, popular culture) within distinct communities. Students will gain an understanding of the significant impact that music plays on shaping viewpoints within our diverse culture. Various genres from American folk music, jazz, rock n roll, and ska are a few that will be explored throughout this course.
MUSC 1600 ATCC Concert Choir	1	A non-auditioned vocal ensemble preparing and performing choral music from diverse historical periods and cultures. The choir will perform once a semester. This ensemble is open to all who enjoy singing and creating music. Choir may be repeated for up to 4 credits.

NURSING ASSISTANT

Course # & Title	Credits	Course Description
NSGA 1640 Nursing Assistant	3	This course introduces concepts of basic human needs, health/wellness continuum and basic nursing skills. It is designed to prepare the learner for entry-level employment as a Nursing Assistant.

POLITICAL SCIENCE

Course # & Title	Credits	Course Description
POLS 1460 Constitutional Democracy and Government	3	This course examines the philosophy, politics & practices of government in the US. The role of the US Constitution in the creation & maintenance of democracy & individual liberties provides the course's central & organizing principle; however, the role of political parties, voting participation & interest groups provide the context for understanding the federal government & making sense of the political scene. It traces the incorporation of democratic political philosophies, their interpretation through US Supreme Court decisions & their impact on day-to-day politics. Specific focus is placed on an understanding of the first three articles of the Constitution: the concept of separation of powers, due process, and equal protection and the 1st, 4th, 5th & 6th Amendments. Course content is from lectures, current news sources, textbook & the Internet.

PSYCHOLOGY

Course # & Title	Credits	Course Description
PSYC 1410 Psychological Disorders	3	This course meets Minnesota Transfer Curriculum (MnTC) goal area 5. This course covers the branch of psychology that addresses the description, causes, and treatment of abnormal behavior patterns. Psychological disorders are looked at from the medical model perspective and the psychological and sociocultural perspectives. Common disorders are included such as stress, anxiety disorders, mood disorders, personality disorders, schizophrenia, dissociative disorders, eating and sleeping disorders, substance abuse, and gender identity disorders. Prerequisite: College level reading score on a placement test or a minimum grade of C in College Prep Reading (READ0900)
PSYC 1445 General Psychology	3	This course is a basic introduction to psychology. Topics include its history, research methods, biological factors in behavior, sensation and perception, motivation and emotion, learning, intelligence, personality theories, human development, social behavior, and abnormal psychology.