



## **FDLTCC CITS Courses Offered**

### **ACCT 2001 Financial Accounting I            3 credits**

Accounting is the language of business. It is a means of communicating financial information to external parties through the balance sheet and the income statement. This course focuses on the process of how to record, classify, measure, and report business and small business data.

### **ANSH 1001 Introduction to Anishinaabe Language            4 credits**

This course is the first of a two-semester sequence of Anishinaabemowin. The overall goal of this course is to develop a beginning level proficiency in Anishinaabemowin. Students will begin to develop skills in listening, writing, reading, and speaking. The course will focus on basic grammatical structure and vocabulary related to a variety of everyday tasks such as: greeting a classmate, introducing oneself, talking about the calendar, and describing people and animals. Ojibwe cultural topics related to these tasks will also be discussed such as naming ceremonies, the Ojibwe clan system, and seasonal activities. Instruction will be in both Anishinaabemowin and English with an increasing emphasis on immersion methodology. By the end of this course students will have a solid foundation on which to build further study of the Anishinaabe language.

### **ANSH 1002\* Anishinaabe Language II            4 credits**

This course will continue to reinforce the conversational and written skills which began in ANSH 1001. New vocabulary, grammatical concepts and utilization of acquired skills will be emphasized.

### **ART 1095 Digital Photography            3 credits**

An introductory course in digital photography and image editing. The basic ideas of photography will be examined such as cropping, color, content and scale, as well as the basic tools of image editing including adjusting images, working with colors, layers, saving and printing images.

### **BIOL 1005 Medical Terminology            1 credit**

A self-contained, on-line tutorial program designed to enhance basic word attack skills and medical vocabulary for students and workers in the allied health sciences. This course will provide a foundation of basic medical terms, which are created by adding prefixes and suffixes to root words. The course will include terminology used in anatomy and physiology, body systems and appropriate abbreviations for common medical terms. Utilizing text/workbook, weekly tests and student activity CD-ROM, this course will provide the student with a working knowledge of common medical terms and abbreviations.

### **BIOL 1101 General Biology I            5 credits (4 lecture, 1 lab)**

Fundamental concepts of biology, including chemical basis of life, cell structure and function, energy transformations, photosynthesis, cellular respiration, genetics, molecular biology, DNA technology, development, origin of life, and evolution.



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### **BIOL 1102\* General Biology II                      5 credits (4 lecture, 1 lab)**

Fundamental concepts of biology, including classification and diversity of life, anatomy, physiology, and development of prokaryotes, protists, fungi, animals and plants: behavior, population, community and ecosystem ecology. (Prerequisite: BIOL 1101)

### **BIOL 1060 Environmental Science                      4 credits ( 3 lecture, 1 lab)**

A detailed study of the ecology of natural systems, pollution, solid, liquid and radioactive wastes, and energy.

### **BIOL 2020\* Human Anatomy and Physiology I                      4 credits (3 lecture, 1 lab)**

Structural and functional aspects of selected human body systems with a strong emphasis on laboratory dissection and study. Designed for students majoring in nursing and health related sciences as well as physical education and liberal arts. (Prerequisite: BIOL 1101)

### **BIOL 2021\* Human Anatomy and Physiology II                      4 credits (3 lecture, 1 lab)**

Structural and functional aspects of selected human body systems with a strong emphasis on laboratory dissection and study. Designed for students majoring in nursing and health-related sciences as well as physical education and liberal arts. (Prerequisite: BIOL 2020)

### **CHEM 1010 General Chemistry I                      5 credits per course (4 lecture, 1 lab)**

An in-depth study of the principles of chemistry with emphasis on atomic and molecular structure, periodic relationships, stoichiometry, structural concepts, bonding, molecular geometry, and chemical reactions. (Prerequisite: high school chemistry, CHEM 1001, or consent of instructor)

### **CHEM 1011\* General Chemistry II                      5 credits (4 lecture, 1 lab)**

This course will provide an in-depth study of the principles of chemistry with emphasis on bonding, gas laws, phase changes of matter, solution chemistry, acids and bases, equilibrium, nuclear chemistry, and an introduction to organic chemistry. (Pre- requisite: CHEM 1010)

### **CJPO 1001 Introduction to Criminal Justice                      3 credits**

An analysis of the criminal justice system in the United States, including criminal law and the roles and relationships of agencies of crime and delinquency prevention, police, courts, and corrections.

### **CJPO 1005 Seeking Careers in Criminal Justice                      3 credits**

An in-depth examination of the hiring processes and practices unique to criminal justice agencies. All areas and professions within the criminal justice system are discussed. Students will participate in a simulated hiring situation, beginning with an investigation of career goals, the application process, undergoing a comprehensive background investigation, and participation in mock interviews with professional representatives from a variety of criminal justice organizations. This course is recommended as both a career preparatory experience and as a career screening opportunity.



## **FDLTCC CITS Courses Offered**

### **ECON 2020 Principles of Economics: Macroeconomics 3 credits**

A study concerning the economy as a whole which would include national income analysis, fiscal policy, international trade, and analysis of economic problems.

### **ENGL 1101\* College Composition 3 credits**

College Composition is a first semester freshman composition course which focuses on college-level writing. This course immediately addresses an essential academic skill, the ability to communicate ideas in written form. This course will provide you with academic skills and intellectual habits you will need throughout your academic career.

### **ENGL 1102\* Advanced College Composition 3 credits**

Advanced Composition is a second semester freshman composition course that focuses on writing effective arguments and academic papers. Emphasis will be placed on the in-depth research paper, with attention paid to both MLA and APA styles. ENGL 1110\* 3 credits Introduction to Literature In this introductory survey course, students will read, discuss and write critically about a variety of literary texts: essays, memoir, poetry, short stories, novels and/or plays. Students will study literature that encompasses a broad range of historical periods, as well as cultures of origin.

### **ENGL 1110\* Introduction to Literature 3 credits**

In this introductory survey course, students will read, discuss and write critically about a variety of literary texts: essays, memoir, poetry, short stories, novels and/or plays. Students will study literature that encompasses a broad range of historical periods, as well as cultures of origin.

### **GEOG 1040 World Regional Geography 3 credits**

This course provides a geographical study of world regions with emphasis on internal spatial patterns and the interrelations of regions.

### **HIST 1015 History of Western Civilization to 1500 CE 4 credits**

This course examines the history of western civilization to 1500 CE with a focus on cultural, economic, environmental, political and social developments from Ancient Civilizations, Ancient Civilizations through the Renaissance.

### **HIST1016 History of Western Civilization from 1500 CE 4 credits**

This course examines the history of western civilization from 1500 CE to the present. The scope of the course includes cultural, economic, environmental, political and social developments from the Scientific and Economic through the modern era. This course examines the history of the United States from 1876 to pre- sent. The scope of inquiry includes economic, social and political developments. Topics include: industrialization, the Depression and New Deal, the world wars and the Cold War.



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### **HIST 1035 History of United States to 1876                      4 credits**

This course examines the history of the United States to 1876. The scope of inquiry includes cultural, economic, environmental, social and political developments from the Colonial Era through Reconstruction following the American Civil War.

### **HIST1036 History of the United States from 1876                      4 credits**

This course examines the history of the United States from 1876 to present. The scope of inquiry includes cultural, economic, environmental, social and political developments from Reconstruction following the American Civil War to the modern era.

### **MATH 1010\* College Algebra    3 credits**

The real numbers, first degree equations and inequalities with word problem applications and linear graphs. Second degree equations, and inequalities in one and two variables with the quadratic formula and graphs. Relations, functions, absolute value, and variation. Exponential and logarithmic functions with applications. Polynomial equations, and complex numbers. Systems of equations and inequalities.

### **MATH 1015\* Trigonometry    3 credits**

Study credits of angles in degree and radian measure; trigonometric functions of angles in a coordinate system and in triangles; solutions of triangles and applications; solutions of trigonometric identities and equations; graphs of the trigonometric functions and inverses.

### **MATH 1020\* Calculus Short Course                                      3credits**

A brief survey of calculus; Students will review real numbers, graphing, and functions. Core material includes limits, continuity, differentiation and integration. Applications of differentiation include minimizing/maximizing cost, profit, and revenue functions. Students will learn applications of the integral with respect to the physical, social, and behavioral sciences and use exponential and logarithmic functions to explore growth, decay, and population models. Students planning to enroll in more than one semester of calculus should begin with MATH 2001.

### **MATH 1030\* Introduction to Statistics                                      3 credits**

An introduction to statistics suitable for social and behavioral science majors, but also suitable for students in other disciplines. Topics include statistical theory and experimental design, descriptive statistics, probability distribution models, regression analysis and correlation, inference, and sampling methods.

### **MATH 2001\* Calculus I    5 credits**

The two semester calculus sequence is designed for mathematics, computer science, engineering, and natural science majors. An introduction to basic differential and integral calculus: limits, derivatives and applications, integration and applications. (Prerequisite: MATH 1010 and 1015, appropriate Accuplacer score, or consent of instructor)



## **FDLTCC CITS Courses Offered**

### **MUSC 1010 Music Appreciation                      3 credits**

A general overview of the field of traditional European classical music within its historical, philosophical, and sociological context. The emphasis is on gaining familiarity with stylistic characteristics and representative composers as well as the acquisition of listening skills. Music of the non-western world as well as the western world will be included. No previous music experience is required.

### **MUSC 1040 Fundamentals of Music Theory                      2 credits**

This course is for the student interested in acquiring the basic knowledge of music theory. The basic concepts of rhythm, melody and harmony are studied, as well as chord inversions, altered chords, simple forms, and cadences. Students are introduced to the playing of instruments such as the recorder. Students planning to major in Elementary Education must take this course to fulfill the requirements for an Elementary Education degree. Music majors and minors will need to take this course in sequence with MUSIC 1041.

### **PE 1043 Weight Training                                      1 lab credit**

An overview of the fundamental concepts and techniques of weight training, focusing on safety, proper lifting techniques, and overall fitness.

### **PHYS 1001\* Introduction to Physics I                                      4 credits (3 lecture, 1 lab)**

An algebra-based general physics course designed for pre- professional and non-engineering majors. Concepts in mechanics, electricity, magnetism, heat, light, sound, and modern physics will be explored through extensive laboratory activities.

### **PHYS 1002\* Introduction to Physics II                                      4 credits (3 lecture, 1 lab)**

An algebra-based general physics course designed for pre- professional and non-engineering majors. Concepts in mechanics, electricity, magnetism, heat, light, sound, and modern physics will be explored through extensive laboratory activities.

### **POLS 1010 American Government                                      3 credits**

A study of the structure and function of the national government of the United States. The course examines the Presidency, Congress, and federal courts as well as the impact of interest groups, political parties, and the media upon government.

### **POLS 1020- State and Local Government                                      3 credits**

This course examines the structure and function of state and local governments with emphasis on state and local problems and conditions in Minnesota.



## **FDLTCC CITS Courses Offered**

### **PSYC 2001 General Psychology 4 credits**

An introduction to the scientific study of human behavior: history, background and methods, development, perception, learning, thinking, motivation, emotion, intelligence, personality, adjustment, mental health, and social psychology.

### **SPCH 1010 Public Speaking 3 credits**

This course provides students the opportunity to develop and/or enhance their public speaking skills with attention to cultural diversity. With a focus on extemporaneous delivery, students will learn to organize, outline, prepare, and deliver introductory, informative, and persuasive speeches. Impromptu, manuscript, group discussion, and minimizing stage fright techniques will also be examined.

### **SPCH 1030 Intercultural Communication 3 credits**

This course interfaces culture and communication. Students learn how cultures provide individuals with different worldviews, beliefs, attitudes, and values, and will examine how this creates difficulties in the inter-cultural/multicultural communication process. It is designed to cultivate, promote, and increase appreciation, understanding, and communication competence with people outside of one's immediate culture.

**\* indicates a prerequisite course is required**