

## COURSE DESCRIPTION

### **51B College Skills for the Learning Disabled Student (0.5) (NDA)**

Designed for students who feel the need to improve basic skills, this course provides training in study strategies. Students will learn and practice academic study techniques and identify the skills they need to be successful in college and/or career. In this module the topic is note-taking. More efficient notes lead to student success.

### **51C College Skills for the Learning Disabled Student (0.5) (NDA)**

Designed for students who feel the need to improve basic skills, this course provides training in study strategies. Students will learn and practice academic study techniques and identify the skills they need to be successful in college and/or career. In this module the topic is memory and techniques for improving this skill for studying.

### **51D College Skills for the Learning Challenged Students (0.5) (NDA)**

Designed for students who feel the need to improve basic skills, this course provides training in study strategies. Students will learn and practice academic study techniques and identify the skills they need to be successful in college and/or career. The topic of this module is practicing a variety of study techniques.

### **51F College Skills for the Learning Disabled Student (0.5) (NDA)**

Designed for students who feel the need to improve basic skills, this course provides training in study strategies. Students will learn and practice academic study techniques and identify the skills they need to be successful in college and/or career. The topic of this module is Effective Test Taking, improving skills and reducing stress.

### **91 Reading for College Success (3) (NDA)**

Students review reading skills and strategies necessary for college success across disciplines, including reading for main ideas, determining organizational patterns of details presented, and drawing logical conclusions in paragraphs and short essays. Reading and vocabulary study are drawn from English 101 course content. Students must be at or above the English 101 (College English) level based on one of the following: placement at English 101 or higher following assessment; completion of prerequisite courses for English 101; or concurrent enrollment in English 101.

### **92 Reading for College Success (3) (NDA)**

Students improve their abilities to read a variety of texts at different levels of difficulty. They practice identifying topics, main ideas, and supporting details, as well as patterns of organization and transitional devices. They also practice summarizing main points of texts in their own words and build vocabulary skill using a variety of strategies. Open only to students concurrently enrolled in English 20A.

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## LIBRARY SCIENCE

### **101 Library Research Methods (1) UC:CSU**

This course teaches the student to develop efficient research skills utilizing traditional print and selected electronic library resources. These skills will optimize the student's educational experience and enhance his or her ability to realize independent life-long personal benefits from using the library. Standard research techniques are emphasized, and both general and specialized information sources are examined. Students will gain experience and confidence using the various types of reference works in the library and on the Internet to write a successful research paper including note-taking and outlining skills, and selected documentation style. UC Transfer Credit Limit: A maximum of one course from Library Science 101 or Library Science 103.

### **102 Internet Research Methods (1) UC:CSU**

Successful completion of this course will enable the student to find and assess information found on the Internet. The student will also be able to devise effective search strategies in the pursuit of academic and personal interests utilizing approved principles of access, and standardized evaluation criteria.

### **103 Information Literacy: Search Strategies, Tools, and Resources (2) UC:CSU**

This course combines modern, up-to-date search strategies with the latest research tools to enable the student to access pertinent information and data from both print and electronic research resources. UC Transfer Credit Limit: A maximum of one course from Library Science 101 or Library Science 103.

### **104 Advanced Internet Research (1) CSU**

This course provides extensive coverage of the Internet and the World Wide Web using specialized and meta-searchers to find resources on the web and on the so-called "deep web." The student will learn to monitor the growth and direction of the internet, and learn how the internet affects society's views of privacy, intellectual property rights, social interaction, and communication.

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## MANAGEMENT

(Also see Business)

### **1 Principles of Management (3) CSU**

This course provides an introduction to the principles of management. A detailed analysis of basic managerial functions including planning, organizing, leading and controlling in a business or administrative environment is made.

**2 Organization and Management Theory (3) CSU**

This course provides an introduction to the theories of organization and management. Organizational structure, technology and systems; administrative behavior, communications, motivation and leadership, organizational development, change and manpower development are examined.

**6 Public Relations (3) CSU**

This course covers essentials for organizing and operating a public relations program. Topics include the study of relations with the community, customers, stockholders, news media, and employees. Multicultural relations and public relations writing are also covered.

**13 Small Business Entrepreneurship (3) CSU**

This course discusses the challenges of entrepreneurship, and provides the tools to enhance success. The course provides a detailed treatment of strategic planning for small businesses, an in-depth coverage of creating and managing the business, new sources of small business funding, effective decision making, and hands-on experience for creating a business.

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**MARKETING**

**1 Principles of Selling (3) CSU**

This course emphasizes the principles used in persuasive communication. Consumer buying behavior, presentations, and closing sales are covered. The course is designed to help students currently involved in sales, as well as those seeking to improve their communication skills. Sales presentations, video tapes and case studies are used.

**21 Principles of Marketing (3) CSU**

This course introduces students to various activities in the field of marketing. It provides a broad understanding of the principles involved in the distribution of commodities from the producer to the user or consumer. It covers the consumer market, consumerism, packaging and brands, pricing, wholesaling, retailing, sales promotion, personal selling, and international marketing. Presentations, case studies and video tapes are used.

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**MATHEMATICS**

*NOTE: To enroll in a mathematics course, the student must satisfy one of the following conditions:*

- *The prerequisite must have been completed, OR*
- *Appropriate placement level must be demonstrated through the mathematics assessment process.*

*Note: The District-wide Mathematics Competency Equivalency Test for Elementary Algebra is given only during the Spring and Fall semesters.*

**100 Mathematics Workshop (1) NDA**

*Corequisite: Current enrollment in any mathematics course. Recommended: For students concurrently enrolled in any mathematics course.*

This course is designed to increase comprehension of all levels of mathematics utilizing tutorial assistance from a mathematics instructor.

**105 Arithmetic (3) NDA**

This course is designed to give students an understanding of and a competency in the basic operations of elementary arithmetic. To attain this mastery, students must have a genuine desire to remove arithmetic deficiencies. Topics include operations with whole numbers, common and decimal fractions, percentages, the study of the metric system and simplified calculations.

**110 Introduction to Algebraic Concepts (5) NDA**

Discusses abstract ideas necessary for understanding algebra and reviews selected topics in arithmetic relevant to algebra. Introduces fundamental notions of algebra including signed numbers, variables, simple equations, proportional reasoning, applications, and modeling. This course also includes group work instruction in mathematics study skills.

**112 Pre-Algebra (3) NDA**

*Prerequisite: Mathematics 105 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course bridges the gap between arithmetic and algebra. It reviews arithmetic and introduces concepts of algebra including signed numbers, variables, exponents, mathematical sentences and linear equations.

**115 Elementary Algebra (5) NDA**

*Prerequisite: Mathematics 110 or 112 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This is a first course in algebra. It covers the fundamental operations on natural numbers and carries on a logical development through all the real numbers. The course includes the solution of linear and quadratic equations and their graphs, factoring and statement problems.

## COURSE DESCRIPTION

### 117 Basic Elementary Algebra (5) NDA

*Prerequisite: Mathematics 110 or 112 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course is designed for students who are beginning the study of algebra. It parallels the first half of the first year algebra course in high school. Additional topics have been added to the traditional material. Note: Math 117 and 118 together are equivalent to Math 115.

### 118 Basic Elementary Algebra II (5) NDA

*Prerequisite: Mathematics 117 with a grade of "C" or better.*

This course parallels the second half of first-year high school algebra course, including additional topics such as rational expressions, radicals and roots, graphs of linear and quadratic equations, and linear systems.

Note: Math 117 and 118 together are equivalent to Math 115.

### 123A Elementary and Intermediate Algebra I (4)

First of three modules for Math 123 covering elementary algebra topics such as properties and operations with real numbers, addition, subtraction, multiplication of algebraic expressions, solution of linear equations and inequalities. Solution of word problems involving linear equations and inequalities. Note: This is the first of three modules of Math 123. All three modules 123ABC will fulfill the math competency requirement.

### 123B Elementary and Intermediate Algebra I (4)

Second of three modules for Math 123 covering elementary algebra topics such as addition, subtraction, multiplication of polynomials, solution of second degree equations and radical expressions. Solution of word problems involving second degree equations and radical expressions. Note: This is the second of three modules of Math 123. All three modules 123ABC will fulfill the math competency requirement.

### 123C Elementary and Intermediate Algebra I (4)

Third of three modules for Math 123 covering intermediate algebra topics such as functions and their operations, conic sections, series and sequences. Applications of these topics to business, science and engineering are included. Note: This is the third of three modules of Math 123. All three modules 123ABC will fulfill the math competency requirement.

### 125 Intermediate Algebra (5)

*Prerequisite: Mathematics 115 or 118 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

Manipulative skills in algebra are developed and strengthened in the course. The topics include rational exponents, the complete number system of algebra, algebraic and graphical solutions to linear and quadratic equations, logarithmic and exponential functions, elementary theory of equations and inequalities and conics. A wide variety of statement problems are included in the course.

### 127 Basic Intermediate Algebra I (5)

*Prerequisite: Mathematics 115 or 118 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course covers the first half of Math 125 with additional topics. Manipulative skills in algebra are developed and strengthened in the course. The topics include linear equations and inequalities, graphs and functions, systems of equations and inequalities, and polynomials and factoring. A wide variety of statement problems are included in the course. Note: Math 127 and 128 together are equivalent to Math 125.

### 128 Basic Intermediate Algebra II (5)

*Prerequisite: Mathematics 127 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course covers the second half of Math 125 with additional topics. Manipulative skills in algebra are developed and strengthened in the course. The topics include rational exponents, the complete number system of algebra, algebraic and graphical solutions to linear and quadratic equations, logarithmic and exponential functions, elementary theory of equations and inequalities and conics. A wide variety of statement problems are included in the course. Note: Math 127 and 128 together are equivalent to Math 125.

### 215 Principles of Mathematics I (3) UC:CSU

*Prerequisite: Mathematics 123C, 125, or 128 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course helps students understand topics in mathematics, including sets, number bases, number systems, logic and probability. It is recommended for prospective elementary school teachers.

### 227 Statistics (4) UC:CSU (Formerly Mathematics 225 + 226)

*Prerequisite: Mathematics 123C, 125, or 128 with a grade of "C" or better, or equivalent preparation and a satisfactory score on the Intermediate Algebra Placement test.*

This course discusses averages, variability, graphical techniques, probability, hypothesis testing, sampling, estimation, correlation, prediction, and linear regression. Topics include collection and analysis of data and how inferences about a population are made from that sample.

### 235 Finite Mathematics (5) UC:CSU

*Prerequisite: Mathematics 123C, 125, or 128 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course covers finite mathematics consisting of sets, graphing, linear programming, vectors, matrices, linear systems, combinations, probability, statistics, game theory and Markov chains, with emphasis on applications in business and social sciences.

UC Transfer Credit Limit: A maximum of two courses from Mathematics 235 and 236; Mathematics 261 and 262.

## 236 Calculus for Business and Social Sciences (5) UC:CSU

*Prerequisites: Mathematics 123C, 125, or 128 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course consists of elementary differential and integral calculus; exponential and logarithmic functions, and their applications to business and social sciences.

UC Transfer Credit Limit: A maximum of two courses from Mathematics 235 and 236; Mathematics 261 and 262.

## 241 Trigonometry with Vectors (4) CSU

*Prerequisites: Mathematics 123C, 125, or 128 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course of analytical trigonometry includes solutions of triangle problems, radian measure, graphs of trigonometric functions, trigonometric equations, identities, polar coordinates and inverse trigonometric functions and complex numbers.

## 245 College Algebra (3) UC:CSU

*Prerequisite: Mathematics 123C, 125, or 128 with a grade of "C" or better.*

The course discusses relations, functions and their graphs, matrices and determinants, theory of equations, permutations, combination, probability, sequences and series, and conic sections.

UC Transfer Credit Limit: A maximum of one course from Mathematics 245 or Mathematics 260.

## 260 Pre-Calculus (5) UC:CSU

*Prerequisite: Mathematics 241 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

This course in pre-calculus combines the traditional courses of college algebra and analytic geometry, and covers such topics as inequalities, functions, matrices and determinants, properties of the straight line, conic, algebraic and transcendental functions, and parametric equations.

UC Transfer Credit Limit: A maximum of one course from Mathematics 245 or Mathematics 260.

## 261 Calculus I (5) UC:CSU

*Prerequisite: Mathematics 260 with a grade of "C" or better, or appropriate placement level demonstrated through the mathematics assessment process.*

Students learn basic principles and applications of calculus. Topics include: continuity and limits; differentiation and integration of algebraic and trigonometric functions; fundamental theorem of the calculus; applications of the derivative to curve sketching, rectilinear motion, maximum/minimum problems, and related rates; applications of the integral to problems of area, volume, arc length, and work.

UC Transfer Credit Limit: A maximum of two courses from Mathematics 235 and 236; Mathematics 261 and 262.

## 262 Calculus II (5) UC:CSU

*Prerequisite: Mathematics 261 with a grade of "C" or better.*

The second course of calculus deals with the differentiation and integration of transcendental functions, standard techniques of integration, curves in polar coordinates, and sequences and series.

UC Transfer Credit Limit: A maximum of two courses from Mathematics 235 and 236; Mathematics 261 and 262.

## 263 Calculus III (5) UC:CSU

*Prerequisite: Mathematics 262 with a grade of "C" or better.*

The third course of calculus deals with such topics as multivariable calculus, partial differentiation, two- and three-dimensional vectors, Stokes and divergence theorems, and differential equations.

## 270 Linear Algebra (3) UC:CSU

*Prerequisite: Mathematics 262 with a grade of "C" or better.*

This course covers vector spaces, linear transformations and matrices, matrix algebra. Determinants and solutions of systems of equations are made. Note: Offered Fall semesters only.

## 275 Ordinary Differential Equations (3) UC:CSU

*Prerequisite: Mathematics 263, which may be taken concurrently.*

This course covers first-order differential equations and linear differential equations. Special methods for solution of these equations are developed and applied. Transforms are developed and used for the solution of differential equations and systems of equations. Existence theorems are stated and proofs are outlined. Series solutions and operator methods are included.

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## MICROBIOLOGY

### 20 General Microbiology (4) UC:CSU

*Prerequisites: Biology 3A, 3B.*

*Recommended: Successful completion of English 28.*

Study of microorganisms, including their structure, metabolism, methods of multiplying, and classification. The techniques used to control microorganisms and the human body's defenses against microbial attack are emphasized. The laboratory covers the microscopic examination of microorganisms, aseptic techniques, the cultivation of bacteria, the effects of antimicrobial agents, and the influence of the environment on bacterial growth.

## MULTIMEDIA

### 100 Introduction to Multimedia Computer Applications (3) CSU

An overview of the interactive multimedia industry, the profession and career options, the market, and the production process including concept development, interactive design, asset manipulation, programming and delivery. This introduction forms the basis for study of digital and nonlinear technologies and applications.

### 210 Digital Editing (3) CSU

This course introduces the student to computer applications for the digital editing of video and sound. Emphasis is placed on non-linear postproduction tools.

### 320 Web Design (3) CSU

A fundamental course in the application of the principles of design to build websites. Students will use a web interface design they have created to build and publish a third or fourth generation website.

### 805 Motion Graphics, and Compositing for Digital Video, Animation, Gaming, and New Media (3) UC:CSU

Intermediate level course dealing with motion graphics and compositing for film and television using digital imaging and animation software, with an emphasis on After Effects or similar state-of-the-art software, including layers, masks, filters, animation techniques and output to video, via demonstrations, practicum, and exercises.

### 807 Interactive Media Design (3) UC:CSU

This course introduces students to basic concepts of interactive design for digital media with a journalistic emphasis. Students will design interactive multimedia packages, graphics, animation, mobile applications, digital e-book reader interactives, widgets, and more. An introduction to basic design principles, concepts of engagement and interactivity, and presentation of journalistic content on a variety of platforms will be discussed. An emphasis will be placed on accuracy, as well as clear and dynamic presentation.

## MUSIC

### 101 Fundamentals of Music (3) UC:CSU

The rudiments of musical notation, scales, keys, intervals, common musical terms and elementary keyboard are studied.

### 111 Music Appreciation I (3) UC:CSU

Designed for non-Music majors, this course meets Humanities/Fine Arts requirements by surveying a wide variety of musical styles and periods past and present. The emphasis is on perceptive listening along with expository readings.

### 121 Music History and Literature I (3) UC:CSU

This course presents a survey of musical practices and styles from the earliest times to 1750, including the Romanesque, Gothic, Renaissance, and Baroque periods. The artistic philosophy of each style period is explored.

### 122 Music History and Literature II (3) UC:CSU

Styles, techniques and forms of music from 1750 to the present are traced. Special emphasis is placed on the development of the orchestra and its forms. The artistic philosophy of each style period is examined. Note: Music History and Literature I is not a prerequisite to Music History and Literature II.

### 136 Music in American Culture (3) UC:CSU

An historical study of musical theater in America from Colonial times to burlesque through operetta to The Follies and current Broadway shows.

### 137 Music as A Business (3) CSU

This course provides instruction on the business of music: Students will examine the varied aspects of handling and packaging their own musical talents, and how to acquire and deal with agents and managers, how to read contracts, and keep records. Unions, marketing and taxation are also covered.

### 141 Jazz Appreciation (3) UC:CSU

Designed for non-Music majors, this course meets Humanities/Fine Arts requirements by surveying jazz styles of music from their beginnings to the present. The emphasis is on perceptive listening, along with expository readings.

### 161 Introduction to Electronic Music (3) CSU

This course explores electro acoustic music by surveying contemporary music and by becoming familiar with the use of technology in today's musical practices and procedures. Computers, synthesizers and MIDI software are utilized.

### 165 Introduction to Recording Arts (3) CSU

An introduction to the theory and practice of acoustics, audio, and recording. Topics include: the nature of sound; basic acoustics; audio systems and terminology; microphone principals and usage; recording styles; re- cordng studio equipment; multi-track recording procedures.

### 180 Applied Music Laboratory (1.5) CSU

This course consists of individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for performance. Achievement is evaluated through skills demonstration.

### 180-1 Applied Music Laboratory I (1.5) CSU

This course consists of individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for performance. Achievement is

evaluated through skills demonstration. Concurrent enrollment in Music 181 is required. Placement is by audition only.

### 180-2 Applied Music Laboratory II (1.5) CSU

This course consists of individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for performance. Achievement is evaluated through skills demonstration.

### 180-3 Applied Music Laboratory III (1.5) CSU

This course consists of individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for performance. Required enrollment in co-requisite course Music 183. Placement is by audition. Achievement is evaluated through skills demonstration.

### 180-4 Applied Music Laboratory VI (1.5) CSU

This course consists of individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for performance. Required enrollment in co-requisite course Music 184. Placement is by audition. Achievement is evaluated through skills demonstration.

### 185 Directed Study-Music (1) CSU

This course allows students to pursue directed study in Music on a contract basis under the direction of a supervising instructor.

### 200 Introduction to Music Theory (4) UC:CSU

*Required of all Music majors.*

This course explores the elements of music and discovers how musicians use the elements to create compositions. Topics include musical notation, basic rhythms, scales, keys, sight singing, ear training, and an introduction to the keyboard.

### 201 Harmony I (3) UC:CSU

*Required of all Music majors. Prerequisite: Music 200. Recommended: concurrent enrollment in Music 211.*

### 202 Harmony II (3) UC:CSU

*Prerequisite: Music 201. Corequisite: Music 212.*

While further developing the material presented in Harmony I, Harmony II expands the musical vocabulary by presenting seventh chords and an introduction to chromaticism and modulation. Students in this course will be required to spend additional time in the Learning Resource Center with audio-visual and computer-assisted instructional materials.

### 203 Harmony III (3) UC:CSU

*Prerequisite: Music 202. Corequisite: Music 213.*

This course extends principles developed in Music 202, including augmented sixth chords, the Neapolitan sixth, altered dominants, diminished seventh chords, chromatic third-relation harmony, modulation to foreign keys and ex-

tended chords such as ninths, elevenths and thirteenthths. Students in this course will be required to spend additional time in the Learning Resource Center with audio-visual and computer assisted instructional materials.

### 211 Musicianship I (1) UC:CSU

*Required of all Music majors.*

*Prerequisite: Music 200 or equivalent. Corequisite: Music 201.* Correlated with Harmony 1, this course consists of a study of sightreading, one part melodic dictation, simple harmonic dictation, elementary theory, including scale structure, keys, intervals, musical terminology and notation, and the basic principles of musicianship.

### 212 Musicianship II (1) UC:CSU

*Prerequisite: Music 211. Corequisite: Music 202.*

This course consists of sight reading, ear training and keyboard application of the subject matter covered in Music 202.

### 213 Musicianship III (1) UC:CSU

*Prerequisite: Music 212. Corequisite: Music 203.*

This course consists of sight reading, ear training and keyboard application of the subject matter covered in Music 203.

### 214 Musicianship IV (1) CSU

*Prerequisite: Music 213*

This course is an advanced intermediate course that applies and develops sight singing; rhythmic, melodic and harmonic materials, dictation and simple keyboard harmony. Review of music theory fundamentals.

### 265 Recording Arts Workshop (3) CSU

*Prerequisite: Music 165.*

The application of the theory and practice of acoustics, audio, and recording learned in The Introduction to Recording of recording styles; recording studio equipment; and multi-track recording procedures

### 285 Directed Study-Music (2) CSU

This course allows students to pursue directed study in Music on a contract basis under the direction of a supervising instructor.

### 321 Elementary Piano I (2) UC:CSU

This course deals with the fundamental harmonic principles of music including chord structure, diatonic harmony, inversions, harmonic progression, harmonic structure of the phrase, harmonization of a given part, and non-harmonic tones. Harmonic skill is developed through written exercises, analyses of classical examples and keyboard exercises. Students will be required to spend additional time in the Learning Resource Center with audio visual and computer-assisted instructional materials, have some pianistic ability, and/or concurrent enrollment in an elementary piano course.

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### 322 Elementary Piano II (2) UC:CSU

*Prerequisite: Music 321 or equivalent.*

Elementary Piano II is a continuation of Elementary Piano I (MUSIC 321) with emphasis on basic piano technique including major scales and arpeggios up to five sharps and flats in two octaves; along with the basic principles of sight-reading in simple and compound meters; melody harmonization using I, IV, and V7 chords; transpositions and stylistic interpretation of early keyboard literature. Note: Students should have access to a piano, as daily practice is required.

### 323 Elementary Piano III (2) UC:CSU

*Prerequisite: Music 322 or equivalent.*

Continuation of Music 322 topics including repertoire on the level of Beethoven Sonata in G; Bach Minuet in G. Note: Students should have access to a piano, as daily practice is required.

### 324 Elementary Piano IV (2) UC:CSU

*Prerequisite: Music 323 or equivalent.*

Elementary Piano IV is a continuation of Elementary Piano III. The emphasis of this course is on exploring minor scale forms including the natural, harmonic and melodic forms; sight-reading minor melodies based on minor scale forms; constructing augmented and diminished triads; along with the basic principles of harmonization, sight reading, transposition, improvisation, and accompaniment using Romantic and folk keyboard literature.

*Note: Students should have access to a piano, as daily practice is required.*

### 341 Intermediate Piano (2) UC:CSU

*Prerequisite: Music 324 or equivalent.*

This course is a continuation of Elementary Piano IV (Music 324), offering essential keyboard facility designed for the piano major wishing to transfer to a major university or the amateur pianist seeking to play for individual enjoyment. Intermediate Piano covers an intense study in Modulating Chord Progressions, Greek Modes, Sixth Chords, Score Reading, Clef Transpositions, Improvisational Styles and intermediate to advanced piano literature.

### 385 Directed Studies (3) CSU

This course allows students to pursue directed study in Music on a contract basis under the direction of a supervising instructor.

### 411 Elementary Voice I (2) UC:CSU

*Required of all Music majors.*

This course is an introduction to the proper use of the voice through breath control and vocal placement, and includes posture, tone quality, diction, range, and stage presence. Repertoire includes simple art songs, folk songs and spirituals.

### 412 Elementary Voice II (2) UC:CSU

*Recommended: Music 411.*

An extension of principles introduced in Music 411 and includes interpretive qualities. Repertoire: an introduction to Italian art songs and simple Broadway songs.

### 413 Elementary Voice III (2) UC:CSU

*Recommended: Music 411 and 412 or equivalent.*

All aspects of solo singing are stressed, especially English, Italian, and German diction. Repertoire includes art songs in the original language and less vocally demanding arias from opera and oratorio.

### 414 Elementary Voice IV (2) UC:CSU

*Prerequisite: Music 413 or equivalent.*

This course is a continuation of the principles and concepts presented in Music 413. An introduction to French art song and simple opera arias, the development of the student's ability to analyze and interpret the song repertoire are stressed.

### 501 College Choir (1) UC:CSU (RPT 3)

Open to all students by audition.

This course consists of study and performance of selected choral literature for mixed voices, both accompanied and a cappella. The emphasis is placed on the development of reading skills, basic voice techniques and interpreting the score.

### 561 Chamber Chorale (1) UC:CSU

This course is designed for the intermediate choral singer. The students analyze, rehearse and perform choral music suited to a small group of singers, with and without accompaniment. Choral literature from the Renaissance through the 21st century is explored. Emphasis is on increased skill in reading music and sight singing, score interpretation, vocal technique, diction, ear training, and preparation for public performances. Confirmation of enrollment is subject to audition.

### 755 Brass Ensemble (1) CSU (RPT 3)

This course involves preparation for performances of ensemble repertoire. It provides for the development of ensemble technical and artistic abilities through experience with a wide range of ensemble literature.

### 775 Jazz Ensemble (1) UC:CSU (RPT 3)

Open to all instrumentalists by audition.

This course provides instrumentalists and vocalists with the opportunity to rehearse and perform music of the past in the "big band" tradition, as well as contemporary compositions written for this ensemble.

### 781 Studio Jazz Band (1) CSU

The student prepares, rehearses and performs selected musical works for jazz band, focusing on rhythm, intonation, articulation, expression, blend and balance, following the conductor, improvisation of solos, and professional standards of conduct. Confirmation of enrollment is subject to audition.