

107 MAGAZINE WRITING 3 Units

Mass Communications 107 focuses on feature writing for magazines and newspapers. Students learn how to find feature ideas and develop them into articles for student or professional publications. The creative, story-telling side of journalism is stressed. The free-lance market for feature writers is discussed. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Note:** This course may be taken 2 times; a maximum of 6 units may be earned. **Transfer credit:** CSU

120 INTRODUCTION TO PUBLIC RELATIONS 3 Units

Mass Communications 120 is a practical guide to effective public relations, its history and its relationship with the media. The course is designed for persons who wish to make public relations a career, untrained persons who are currently or plan to be involved in publicity activities, and for journalism majors or minors who wish to enhance their studies. Lecture 3 hours. **Prerequisite:** None. **Transfer credit:** CSU

MATERIALS AND PROCESSES

146 MATERIALS AND PROCESSES 3 Units

Materials and Processes 146 is a study of the manufacture and properties of ferrous and non-ferrous alloys, ceramic products, wood, cements, plastics, fuels, glass, concrete, rubber, etc. Their uses, adaptability, and limitations in industry are studied. Current methods of manufacture and technique are covered. The course covers testing of materials by the destructive and nondestructive methods and the physical properties of materials. Lecture 3 hours. **Recommended preparation:** Eligibility for English 120 or ESL 151. **Transfer credit:** CSU

MATHEMATICS

All students who have not taken a Mathematics course at Glendale College are required to take a mathematics placement examination before enrolling in any mathematics course except Mathematics 190. Contact your counselor for additional information.

100 COLLEGE ALGEBRA 3 Units

Mathematics 100 is a detailed study of the basic concepts of algebra, including first and second degree equations and inequalities, graphs of linear and quadratic functions, conic sections, polynomial functions, exponential functions, logarithmic functions, systems of equations including Gaussian elimination. Lecture 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. (Mathematics 102 may be taken concurrently.) **Transfer credit:** CSU, UC, USC (CAN MATH 10)

101 INTERMEDIATE ALGEBRA 5 Units

Mathematics 101 includes fundamental laws, curve plotting, linear equations, negative and fractional exponents, quadratic equations, arithmetic and geometric progressions, the binomial theorem, the remainder theorem, the factor theorem, logarithms, second and third order determinants. Lecture 5 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 141, or 146, or 148.

102 TRIGONOMETRY 3 Units

Mathematics 102 is a course in plane trigonometry that emphasizes the analytic aspects of the subject including trigonometric functions of right, acute and related angles, trigonometric identities and equations, radian measure, functions of two angles, logarithms, right and oblique triangles, inverse functions, complex numbers, and polar coordinates. Lecture 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. **Recommended preparation:** Mathematics 140. **Transfer credit:** CSU (CAN MATH 8)

103 CALCULUS AND ANALYTIC GEOMETRY 5 Units

Mathematics 103 is the first of a sequence of three courses combining the subject matter of analytic geometry and calculus. Functions and their graphs are studied with special attention to differentiation, limits, rules and integration using various techniques. Applications of both differentiation and integration are covered. Lecture 5 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 110. **Transfer credit:** CSU, UC, USC (CAN MATH 18) (MATH 103 & 104 CAN MATH SEQ B) (MATH 103 & 104 & 105 CAN MATH SEQ C)

104 CALCULUS AND ANALYTIC GEOMETRY 5 Units

Mathematics 104 is a study of transcendental functions, techniques of integration, polar coordinates, parametric equations, conic sections, indeterminate forms and infinite series. Lecture 5 hours. **Prerequisite:** Mathematics 103. **Transfer credit:** CSU, UC, USC (CAN MATH 20) (MATH 103 & 104 CAN MATH SEQ B) (MATH 103 & 104 & 105 CAN MATH SEQ C)

105 CALCULUS AND ANALYTIC GEOMETRY 4 Units

Mathematics 105 is a course in vector calculus. Topics covered include vector functions, vector differentiation, parametric equations, vectors in three and higher dimensional space, multiple integration, and an introduction to vector analysis including divergence, curl, and Stoke's Theorem. Lecture 5 hours. **Prerequisite:** Mathematics 104. **Transfer credit:** CSU, UC, USC (CAN MATH 22) (MATH 103 & 104 & 105 CAN MATH SEQ C)

107 LINEAR ALGEBRA 3 Units

Mathematics 107 covers the topics of vector spaces, linear transformations and matrices, matrix algebra, determinants, eigenvalues and eigenvectors, and solutions of systems of equations. Lecture 4 hours. **Prerequisite:** Mathematics 104. **Recommended preparation:** Mathematics 105. **Transfer credit:** CSU, UC, USC (CAN MATH 26)

**108
ORDINARY DIFFERENTIAL
EQUATIONS***3 Units*

Mathematics 108 covers the solution of ordinary differential equations using various techniques including variation of parameters, the Laplace transform, power series, and numerical methods. Systems of linear differential equations and an introduction to Fourier Series are also covered. Applications are drawn from the physical sciences. Lecture 4 hours. **Prerequisite:** Mathematics 104. **Recommended preparation:** Mathematics 105. **Transfer credit:** **CSU, UC, USC (CAN MATH 24)**

**110
PRECALCULUS***5 Units*

Mathematics 110 is a course designed for review of those algebraic concepts needed for the study of calculus. The course includes a more thorough study of algebraic and trigonometric functions. The course emphasizes linear and quadratic equations and inequalities, graphs of linear and quadratic functions, conic sections, polynomial functions, systems of equations, matrices and determinants mathematical induction, trigonometric functions, inverse trigonometric functions, trigonometric identities and equations, and right and oblique triangles. Lecture 5 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. **Recommended preparation:** Mathematics 140. **Note:** A maximum of 6 units may be earned from any combination of Mathematics 100, 102, and 110. **Transfer credit:** **CSU, UC, USC (CAN MATH 16)**

**111
FINITE MATHEMATICS***5 Units*

Mathematics 111 is an integrated course in mathematics for business, management, and social science majors. Topics in this course include: the mathematics of finance; matrices; linear programming, including the simplex method, logic and set theory, probability with an introduction to statistics; Markov chains; and game theory. Lecture 5 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. **Transfer credit:** **CSU, UC, USC (CAN MATH 12)**

**112
CALCULUS FOR BUSINESS***5 Units*

Mathematics 112 is a one semester course in calculus for business, management, and social science majors. Topics in this course include: techniques of differentiating; maximum-minimum problems; curve sketching; derivatives and applications of exponential and logarithmic functions; techniques of integration; simple differential equations; the calculus of functions of several variables, including Lagrange multipliers and multiple integration. Lecture 5 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. **Recommended preparation:** Mathematics 100. **Transfer credit:** **CSU, UC, USC (CAN MATH 34)**

**115
SURVEY OF MATHEMATICS***3 Units*

Mathematics 115 is non-transferable course designed to satisfy the mathematics proficiency requirement for the A.A. or A.S. degree. There is an emphasis on problem solving and decision making. Topics which may be covered include problem solving techniques, using measurement in decision making, calculating possibilities, measuring certainty, tree diagrams, probabilities and estimation, individual and group behavior, and methods of recognizing consensus. Lecture 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 141, or 146 or 148.

**119
INTERMEDIATE ALGEBRA I***3 Units*

Mathematics 119 is the first course in a two-semester sequence. It includes fundamental laws, solving and graphing linear equations, basic rules of exponents, determinants, and matrices. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 146, 141, or 148.

**120
INTERMEDIATE ALGEBRA II***2 Units*

Mathematics 120 is the second course of the two-semester intermediate algebra sequence. It includes radicals and fractional exponents, quadratic equations and inequalities, arithmetic and geometric progressions, the binomial theorem, logarithms, and conic sections. Lecture 4 hours. **Prerequisite:** Math 119 with a grade of "C" or better or three units of Math 201 with grades of "C" or better.

**135
LIBERAL ARTS MATHEMATICS***3 Units*

Mathematics 135 is a one-semester course designed for liberal arts majors. Topics in this course include voting systems and how to measure power, game theory, apportionment, probability and statistical inference. Lecture 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. **Transfer credit:** **CSU**

**136
STATISTICS***3 Units*

Mathematics 136 is a one-semester course designed for students whose major requires a course in statistics. Topics in this course include: the nature of statistical methods, types of data, introductory probability, sampling theory, experimental design, confidence intervals, hypothesis testing, regression analysis, and decision making. Emphasis is placed on the application of statistical concepts and the interpretation of results. Lecture 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. **Note:** A maximum of 3 units may be earned for Mathematics 136, Economics 107, Political Science 107, Psychology 107, or Sociology 107. **Transfer credit:** **CSU, UC, USC (CAN STAT 2)**

**138
MATHEMATICS FOR ELEMENTARY
TEACHERS***3 Units*

Mathematics 138 is a one-semester course designed for prospective elementary school teachers. Topics in this course include: problem-solving techniques, set operations, functions, number theory, ratio, proportion and percent, and math study skills. Lecture 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 101. **Transfer credit:** **CSU, UC, USC**

140 PLANE GEOMETRY

3 Units

Mathematics 140 is a comprehensive course in plane geometry. The course includes sets and geometric figures, congruence, parallel lines and parallelograms, circles, inequalities, proportion and similar polygons, loci, constructions, and areas of polygons. Lecture 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 141, or 146 or 148.

141 BEGINNING ALGEBRA

4 Units

Mathematics 141 is a one semester review course in the fundamental operations of algebra. The course focuses on solution of linear and quadratic equations, algebraic operations, factoring algebraic fractions, exponents and radicals, and systems of linear equations. This course is the equivalent of one year of algebra in high school and is designed for students to review their algebra. Lecture 5 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 145 or 158. **Note:** This course may not be taken for credit by students who have completed Mathematics 146 or 148. A maximum of 4 units will be granted for Mathematics 141 and 145.

145 ELEMENTARY ALGEBRA I

2 Units

Mathematics 145 is designed to cover the fundamental operations of algebra normally included in the first semester of a year course taught in the secondary school, and includes signed numbers, solution of linear equations, algebraic manipulations, powers, polynomials, factoring, and rational expressions. The course should be elected by students who have never studied algebra or who have studied it for less than one year. Lecture 4 hours. **Prerequisite:** Placement based on a composite of test scores and academic background or satisfactory completion of Mathematics 153 or 158. **Note:** This course may not be taken for credit by students who have completed Mathematics 141 or 148.

146 ELEMENTARY ALGEBRA II

2 Units

Mathematics 146 is a continuation of Mathematics 145 and completes the topics covered in one full year of beginning algebra as taught in the secondary school. This course covers the fundamental operations of algebra including graphing linear equations, solving linear systems, roots and radicals, and quadratic equations. Lecture 4 hours. **Prerequisite:** Mathematics 145. **Note:** This course may not be taken for credit by students who have completed Mathematics 141 or 148.

148 APPLIED ALGEBRA

4 Units

Mathematics 148 is a continuation of Mathematics 158 and completes the topics covered in one full year of algebra as taught in the secondary schools. The course investigates problem-solving techniques in the context of "real-life" situations. The fundamental operations of algebra, including solutions to quadratic equations, are covered. Students use powers, roots, systems of linear equations, factoring, and formulas to solve problems. Radicals and rational expressions and equations are also covered. Students participate in laboratory exercises that use mathematical principles learned in the lectures and from the text. Lecture 4 hours, laboratory 1 hour. **Prerequisite:** Placement based on a composite of test scores and academic background or satisfactory completion of Mathematics 145 or 158. **Note:** This course may not be taken for credit by students who have completed Mathematics 141 or 146. A maximum of 4 units may be earned for Mathematics 148 and 145.

151 BASIC ARITHMETIC

½-2 Units

NON-DEGREE APPLICABLE

Mathematics 151 is a self-paced remedial course in the fundamental processes of arithmetic designed to develop both accuracy and speed in the computation using whole numbers, fractions, decimals, percent, and properties of the decimal number system. Lecture 2 hours, laboratory 1 hour. **Prerequisite:** Placement is based on a composite of test scores and academic background. **Note:** The student will receive ½ unit of credit for each module successfully completed. A maximum of 2 units may be earned for Mathematics 151 and 152.

152 BASIC MATHEMATICS

2 Units

NON-DEGREE APPLICABLE

Mathematics 152 is a lecture-based remedial course in the fundamental processes of arithmetic designed to develop skill in computation, using whole numbers, fractions, decimals, percent, and properties of the decimal number system. The use of calculators is integrated into the course. Lecture 2 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background. **Recommended preparation:** Eligibility for English 189 or ESL 131 or planning to enroll in ESL 121 during the same semester. **Note:** A maximum of 2 units may be earned for Mathematics 151 and 152.

153 PREALGEBRA

1½ Units

NON-DEGREE APPLICABLE

Mathematics 153 is a remedial course in the fundamental processes of prealgebra, with an emphasis on the arithmetic of signed numbers. Rules of exponents, first degree equations, study and test-taking techniques related to mathematics are also covered. Lecture 1½ hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or 2 units of credit in Mathematics 151 or satisfactory completion of Mathematics 152. **Note:** A maximum of 3 units may be earned for Mathematics 153 and 158.

155 ALGEBRA BASICS

4 Units

NON-DEGREE APPLICABLE

Mathematics 155 is a remedial course designed to prepare students for their first course in algebra. It includes the fundamental processes of arithmetic and prealgebra. It is designed to develop skill in computation using whole numbers, fractions, decimals, percents, and properties of the decimal number system with an emphasis on the arithmetic of signed numbers. Rules of exponents, first-degree equations, fundamental facts about geometry with regard to area and perimeter are also included. Study and test-taking techniques related to mathematics are also covered. Lecture 5 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background. **Note:** A maximum of 4 units of credit will be granted for Mathematics 151, Mathematics 152, Mathematics 153, and Mathematics 155.

**158
APPLIED PREALGEBRA***3 Units***NON-DEGREE APPLICABLE**

Mathematics 158 is a course in the fundamental process of prealgebra which investigates problem-solving techniques in the context of "real-life" situations. Students learn the arithmetic of signed numbers and different ways to represent numbers. Students learn to use calculators and measuring tools while participating in laboratory exercises that use the mathematical principles learned in the lecture and problem-solving sessions. Metric and English unit measurements, formulas, ratios, and proportions are explained. Introductory geometry is covered. The course should be selected by students who have never successfully completed the first year of high school algebra. Lecture 3 hours, laboratory 1 hour. **Prerequisite:** Placement is based on a composite of test scores and academic background or 2 units of credit in Mathematics 151, or satisfactory completion of Mathematics 152, **Note:** A maximum of 3 units will be granted for Mathematics 153 and 158.

**190
OVERCOMING MATH ANXIETY***1 Unit***NON-DEGREE APPLICABLE**

Mathematics 190 is designed to provide students of varying mathematical backgrounds with the knowledge, skills, and attitudes to be successful in their mathematics related goals. Topics include problem solving, test-taking, and stress reduction. Lecture 2 hours (8 weeks). **Prerequisite:** None.

**201
INTERMEDIATE ALGEBRA***1-5 Units*

Mathematics 201 is a self-paced course that covers those topics commonly taught in the second year of high school algebra. Topics include: properties of real numbers, properties of exponents (rational), functions and their inverses; simplifying rational, exponential, and logarithmic expressions; using determinants; graphing lines, parabolas, ellipses, and hyperbolas; solving linear, absolute value, quadratic, exponential and logarithmic equations and inequalities; arithmetic and geometric sequences and series; the binomial expansion. Lecture 4 hours, laboratory 3 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background or satisfactory completion of Mathematics 141 or 146, or 148. **Note:** This course may be taken 4 times; a maximum of 5 units may be earned for Mathematics 101 and 201.

**255
FUNDAMENTALS OF MATHEMATICS***1-4 Units***NON-DEGREE APPLICABLE**

Mathematics 255 is a self-paced basic skill course designed to prepare students for their first course in algebra. It includes the fundamental processes of arithmetic and prealgebra. It is designed to develop skill in computation using whole numbers, fractions, decimals, percents, and properties of the decimal number system with an emphasis on the arithmetic of signed numbers. Rules of exponents, first-degree equations, fundamental facts about geometry with regard to area and perimeter are included. Study and test-taking techniques related to mathematics are also covered. Lecture 5 hours, lab 2 hours. **Prerequisite:** Placement is based on a composite of test scores and academic background. **Note:** This course may be taken 4 times. A maximum of 4 units of credit will be granted for Mathematics 151, Mathematics 152, Mathematics 153, Mathematics 155, and Mathematics 255. This course is Credit/No Credit only.

MATHEMATICS, BUSINESS

See Business Office
Technology 110

**MATHEMATICS,
TECHNICAL**

See Technical Education 142, 143;
Electronics & Computer Technol-
ogy 100

MEDIA ARTS

**101
VIDEO PRODUCTION I
(Formerly Television 101)***3 Units*

Media Arts 101 provides students with a basic overview of the aesthetics and techniques required in the production of video programs. The topics to be covered include: basic principles of videography, recognizing and using video and audio equipment, editing, lighting, and video graphics. Projects consist of hands-on experiences in production situations in the Glendale College Television Studio and on location. Lecture 2 hours, laboratory 4 hours. **Prerequisite:** None. **Transfer credit:** CSU

**102
VIDEO PRODUCTION II
(Formerly Television 102)***3 Units*

Media Arts 102 is an intermediate-level video production class. Emphasis is placed on digital video production techniques including: non-linear editing, digital video acquisition and effects, titles, and compression. Industry standard software, such as Adobe Premiere and Quicktime, are used and current video technologies are examined. Students gain a working familiarity with all aspects of the Glendale College Television (GCTV) Studio and Media Arts Computer Lab. Lecture 2 hours, laboratory 4 hours. **Prerequisite:** Media Arts 101 or equivalent. **Transfer credit:** CSU

**104
VIDEO PRODUCTION PRACTICUM
(Formerly Television 104)***3 Units*

Media Arts 104 is designed to provide a realistic working experience in video production. Emphasis is placed on the actual production of television programs for the campus and community. Students gain experience through direct use of the production capabilities of the GCTV (Glendale College Television) Studio and involvement in developing programming operations for the educational cable channel. Students may also create independent video productions in order to build a portfolio of video production work. Studio 6 hours. **Prerequisite:** Media Arts 101 or equivalent. **Recommended preparation:** Media Arts 102, Theatre Arts 133. **Note:** This course may be taken 3 times; a maximum of 9 units may be earned. **Transfer credit:** CSU

**107
AUDIO PRODUCTION
(Formerly Television 107)***3 Units*

Media Arts 107 teaches students the basic principles, aesthetics, and techniques used in the production of audio programs and soundtracks for video programs. Specific topics covered in the course include: magnetic recording, digital recording and editing, selection and use of microphones, sound studio operation, multi-tracking, mixing, editing, and synchronization with video. Hands-on experience with professional equipment is emphasized. Lecture 2 hours, laboratory 4 hours. **Prerequisite:** None. **Transfer credit:** CSU

**111
INTERACTIVE MULTIMEDIA I
(Formerly Television 111)
(Also listed as Computer Science/
Information Systems 111)
3 Units**

Media Arts 111 introduces students to the aesthetics and techniques employed in the creation of interactive multimedia programs. Topics presented in the course include: project planning, interactive design principles, digital video and audio, computer animation, graphics, and cross-platform distribution. Students create projects using industry standard software such as Macromedia Director. Lecture 2 hours, laboratory 4 hours. **Recommended preparation:** Computer Science/Information Systems 206 or equivalent. **Note:** This course may not be taken for credit by students who have completed Computer Science/Information Systems 111. **Transfer credit:** CSU

**218
INTERACTIVE MULTIMEDIA II
(Formerly Television 218)
(Also listed as Art 218 and Computer
Science/Information Systems 218)
3 Units**

Media Arts 218 provides students with advanced training and experience in the creation of interactive multimedia programs. Industry standard software, such as Macromedia Director, is used with primary emphasis placed on the authoring process. Topics covered in the course include: Lingo scripting, interface design, navigation principles, cross-platform development; integration of audio, video, animated, and virtual reality (VR) elements; and distribution for CD-ROM, DVD, and the Internet. Students create their own multimedia CD-ROM as a final project. Lecture 2 hours, laboratory 4 hours. **Prerequisite:** Media Arts 111 or Computer Science/Information Systems 111. **Recommended preparation:** Art 146, Art 220, and Media Arts 101. **Note:** This course may not be taken for credit by students who have completed Art 218 or Computer Science/Information Systems 218.

**202
VIDEO STREAMING AND DVD
PRODUCTION
3 Units**

Media Arts 202 is an advanced video production course which students explore the emerging use of video on the internet as well as the distribution of video content on Digital Video Disc (DVD). Students generate webcasts of their own video content. Students also prepare video content and author the interactive interface for a finished video DVD. Topics include digital video compression, multi-angle production, video streaming and webcast management. Lecture 2 hours, laboratory 4 hours. **Prerequisite:** Media Arts 102 or equivalent.

**207
INTERNET RADIO WEBCASTING
3 Units**

Media Arts 207 is designed to provide students a realistic working experience in Internet radio production. The emphasis is on the actual production of audio programs for the campus and community. Students gain experience with all capabilities of the Media Arts Audio Studio as well as being involved in programming operations for Glendale Community College's Internet radio "station". Laboratory 6 hours. **Prerequisite:** Media Arts 107 or equivalent. **Note:** This course may be taken three (3) times; a maximum of nine (9) units may be earned.

METALLURGY

**150
PRINCIPLES OF METALLURGY AND
HEAT TREATING
(Also listed as Metals 150)
3 Units**

Metallurgy 150 is the study of principles governing the selection, use, and treatment of metals and alloys in manufacturing and related technologies. Lecture 3 hours. **Prerequisite:** None. **Note:** This course may not be taken for credit by students who have completed Metals 150.

METALS

**150
PRINCIPLES OF METALLURGY AND
HEAT TREATING
(Also listed as Metallurgy 150)
3 Units**

Metals 150 is the study of principles governing the selection, use, and treatment of metals and alloys in manufacturing and related technologies. Lecture 3 hours. **Prerequisite:** None. **Note:** This course may not be taken for credit by students who have completed Metallurgy 150.

MUSIC

The following music performance/ensemble courses may be offered for fewer than the stated units: Music 141, 143, 144, 145, 146, 147, 152, 159, 170, 230, 231, 232, 233, 234, 235, 236, 237, 238.

**101
MUSIC FUNDAMENTALS
3 Units**

Music 101 is a beginning course for those students who seek a basic knowledge of the fundamentals of music and music notation. Students learn the basic elements of pitch, rhythm, notation, scale structure, tonality, intervals, chords, melody, harmony, musical terminology, and score reading. Students apply these concepts to writing and analyzing simple musical examples. In addition, students learn to relate these concepts to the piano keyboard and to play simple examples. Lecture 3 hours. **Prerequisite:** None. **Transfer credit:** CSU, UC, USC (CAN MUS 2)

**102
FUNDAMENTALS FOR MUSIC
MAJORS
3 Units**

Music 102 is a course designed for those who have an elementary knowledge of music and music notation. Students should be able to read bass and treble clefs, notes and note values, time signatures and key signatures, identify notes of a piano keyboard, and have a basic understanding of melody, harmony and rhythm. Using this basic knowledge, fundamental concepts such as scales, intervals, chords, and transposition are studied. These musical concepts are then applied in ear training, analysis, and compositional exercises in preparation for musicianship and harmony courses. Lecture 3 hours. **Recommended preparation:** It is strongly recommended that students entering Music 102 be able to read music (clefs, note values, time and key signatures) and identify notes on a piano keyboard. It is also recommended that students have access to a piano keyboard. **Transfer credit:** CSU, UC, USC

**103
KEYBOARD HARMONY I**
2 Units

Music 103 is designed for students who have a basic knowledge of music and music notation. Students review bass and treble clefs, notes and note values, meter signatures and key signatures; identify notes of a piano keyboard; and develop a basic understanding of melody, harmony, and rhythm. In addition, students learn basic piano technique and begin the study of harmony in the context of the piano keyboard. These concepts are used in the analysis and performance of musical exercises and literature. This course prepares students for advanced harmony and musicianship classes. Lecture 2 hours, laboratory 1 hour. **Prerequisite:** None. **Note:** Music 103 is designed for students who have a basic knowledge of music. Students should be able to read musical notation and understand concepts of melody, harmony, and rhythm. **Transfer credit:** *CSU, UC*

**104
MUSICIANSHIP I**
2 Units

Music 104 is a course designed to train the student to recognize the various intervals and rhythms used in composition and to use them in functional application through sight singing and ear training exercises. Music 104 is required for music majors. Lecture 2 hours, laboratory 1 hour. **Corequisite:** Music 107. **Recommended preparation:** Study of piano is strongly recommended. Students should have some knowledge of rhythmic patterns, scales, intervals and notation. **Transfer credit:** *CSU, UC, USC*

**105
MUSICIANSHIP II**
2 Units

Music 105 is a continuation of Music 104 with further emphasis on sight singing and ear training as well as the ability to perform melodic passages based on the major and minor modes. Basic harmonic progressions are also emphasized with application to melodic patterns and rhythms. Music 105 is required for music majors. Lecture 2 hours, laboratory 1 hour. **Prerequisite:** Music 104. **Corequisite:** Music 108. **Note:** For the non-pianist, concurrent study of piano is strongly recommended. Students should have some knowledge of scales, intervals, key signatures, triad notation and identification, time signatures and note values. **Transfer credit:** *CSU, UC, USC*

**107
HARMONY I**
3 Units

Music 107 develops an understanding of compositional techniques. Emphasis is placed on scales, intervals, triads, inversions, basic voice leading, figured bass, and simple harmonization. Music 107 is required for music majors. Lecture 3 hours. **Corequisite:** Music 104. **Note:** For the non-pianist, concurrent study of piano is strongly recommended. **Transfer credit:** *CSU, UC, USC*

**108
HARMONY II**
3 Units

Music 108 develops an understanding of compositional techniques. Emphasis is placed on cadences, modulations, dominant sevenths, secondary dominants and analysis. Music 108 is required for music majors. Lecture 3 hours. **Prerequisite:** Music 107. **Corequisite:** Music 105. **Note:** For the nonpianist concurrent study of piano is strongly recommended. **Transfer credit:** *CSU, UC, USC*

**110
MUSIC/ART APPRECIATION**
(Also listed as Art 110)
3 Units

Music 110 is a team-taught course which offers a comparative overview of western art and music from the prehistoric era to the present. This introductory course presents influential figures in each period and analyzes important influences on their work. The relationship between music and art is explored, along with changing trends in thought and techniques. Lecture 3 hours. **Prerequisite:** None. **Note:** This course may not be taken for credit by students who have completed Art 110. **Transfer credit:** *CSU, UC, USC*

**113
KEYBOARD HARMONY II**
2 Units

Music 113 is designed for students who have basic keyboard skills. Students learn transposition, harmonization of melodies, and to work with harmonic progressions in the context of the piano keyboard. In addition, students continue the study of piano technique and literature. These concepts are used in the analysis and performance of musical exercises and literature. This course prepares students for advanced harmony and musicianship classes. Lecture 2 hours. **Prerequisite:** Music 103 or equivalent. **Transfer credit:** *CSU*

**120
MUSIC APPRECIATION**
3 Units

Music 120 traces the evolution of music over the past 1500 years, with a special emphasis on understanding how to listen for greater enjoyment. Students learn the basic elements of music, such as form and structure, families and subgroups of musical instruments, as well as learning about specific composers and works. Lecture 3 hours. **Prerequisite:** None. **Note:** This course may not be taken for credit by students who have completed Music 125 or 126. This course is designed especially for non-music majors. Music majors should enroll in Music 125 and 126. The student is required to attend five (5) classical concerts and submit concert reports. **Transfer credit:** *CSU, UC, USC*

**125
HISTORY AND LITERATURE**
3 Units

Music 125 covers the history of music from the early Christian era through the Baroque Period. In addition to lectures and readings, the course includes a study of live and recorded musical performances. Recognition of composers and styles is emphasized. Lecture 3 hours, directed listening 2 hours. **Recommended preparation:** It is strongly recommended that students entering Music 125 be able to read music well enough to identify key signatures and transpositions, and be able to follow a musical score. **Note:** Students are required to attend six (6) concerts featuring music from the historical periods being studied, and to submit six (6) concert reports. Students are urged to take Music 125 and 126 within the same academic year. **Transfer credit:** *CSU, UC, USC (CAN MUS 8) (MUS 125 & 126 CAN MUS SEQ B)*

**126
HISTORY AND LITERATURE**
3 Units

Music 126 begins with the mid-18th century and continues with musical history through the present day. In addition to lectures and readings, the course includes a study of live and recorded musical performances. Recognition of composers and styles is emphasized. Lecture 3 hours, directed listening 2 hours. **Recommended preparation:** It is strongly recommended that students entering Music 126 be able to read music well enough to identify key signatures and transpositions, and be able to follow a musical score. **Note:** Students are required to attend six (6) concerts featuring music from the historical periods being studied, and to submit six (6) concert reports. Students are urged to take Music 125 and 126 within the same academic year. **Transfer credit: CSU, UC, USC (CAN MUS 10) (MUS 125 & 126 CAN MUS SEQ B)**

**127
WORLD MUSIC**
3 Units

Music 127 is designed to provide non-majors with a broader understanding of the multi-cultural world community. Students are introduced to non-western music as it occurs in Africa, the Middle East and Asia. Musical expression is viewed as an outgrowth of diverse cultural needs. Lecture 3 hours. **Prerequisite:** None. **Transfer credit: CSU, UC, USC**

**128
MUSIC OF AMERICA**
3 Units

Music 128 is a survey of American music in its progression from colonial psalm tunes to present day rap. It focuses on major musical styles of each historical period and the events that influenced them. The course covers the musical contributions of each immigrant group to the hybrid that is American music. This exploration provides a solid basis for increased understanding of other cultural viewpoints. Lecture 3 hours. **Prerequisite:** None. **Transfer credit: CSU, UC, USC**

**129
COMMERCIAL VOICE**
2 Units

Music 129 is an introduction to the basic principles of vocal production as they apply to singing songs from contemporary commercial idioms, including popular songs, jazz, gospel, Broadway show tunes, and track singing. Emphasis is placed on posture, breathing, resonance, style, microphone technique, movement, program development, and presentation. Literature appropriate for each voice range and ability is studied. Students are required to perform songs from memory. Lecture 2 hours, laboratory 1 hour. **Prerequisite:** None. **Note:** This course may be taken 4 times; a maximum of 8 units may be earned.

**135
VOICE TRAINING I**
2 Units

Music 135 stresses the principles of correct vocal production and their application to songs and ballads in English. Emphasis is placed on the following: proper breathing habits, the relationship between breathing and tone making, vocal health, range, resonance, registration, poise, posture, and song presentation. The development of an appreciation for the vocal arts is an important aspect of the course. Lecture 2 hours. **Prerequisite:** None. **Note:** This course may be taken 2 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

**136
VOICE TRAINING II**
2 Units

Music 136 is a continuing focus upon the principles of correct vocal production and their application to songs and ballads in English. Foreign art songs are introduced; more difficult exercises both musically and vocally are stressed. Further emphasis is placed on legato singing, diction, interpretation, and expression. The development of an appreciation for the vocal arts is of continuing importance. Lecture 2 hours. **Prerequisite:** Music 135 or equivalent. **Note:** This course may be taken 2 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

**137
VOICE TRAINING III**
2 Units

Music 137 is a continuation and broadening of the principles of vocal production and proper use of the breath in singing as outlined in Music 135 and 136. More difficult literature is explored, including contemporary music and several songs in foreign languages. Performances and recital. Lecture 2 hours. **Prerequisite:** Music 136 or equivalent. **Note:** This course may be taken 2 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

**140
APPLIED MUSIC**
1 Unit

Music 140 is a course in individual and ensemble performance. Students receive eight hours of private instruction on a solo instrument. Emphasis is on solo performance through individual instruction, recital performance through participation in a recital class, and ensemble performance through participation in a performing ensemble. Lecture 1 hour, laboratory 0.5 hours. **Prerequisite:** The student must demonstrate a basic proficiency on his or her instrument or voice. An audition is required. **Corequisite:** Students must be concurrently enrolled in a one-unit section of one of the following performing ensembles: Music 143, 146, 147, 148, 231, 234, 235, or 240. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

**141
CONCERT BAND**
½-1 Unit

Music 141 is for students who wish to learn the techniques used in performing concert band literature, and who wish to perform with other instrumentalists. Emphasis is placed on developing music reading skills and gaining additional familiarity with the stylistic differences between composers. Selected works are rehearsed and performed. Performance 3 hours. **Prerequisite:** Ability to perform on a standard band instrument. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned. An audition may be required. **Transfer credit: CSU, UC, USC**

143
JAZZ BAND
½-1 Unit

Music 143 is a class for students who wish to learn the techniques used in performing jazz and big band literature. Emphasis is placed on developing music reading skills and gaining additional familiarity with improvisational techniques. Students perform with other instrumentalists or with singers. Selected works by contemporary composers are rehearsed and performed. Performance 3 hours. **Prerequisite:** The ability to perform in a proficient manner upon the trumpet, trombone, saxophone, drums, string bass, guitar, or piano. **Note:** Concert dress is required. Students must provide an appropriate instrument. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

144
WOODWIND ENSEMBLE
1 Unit

Music 144 is a small instrumental group which plays for college and community activities. Emphasis is on balance, dynamics, phrasing, and interpretation. Performance 3 hours. **Prerequisite:** Ability to play a musical instrument in a band, orchestra, or chamber music ensemble. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

145
BRASS ENSEMBLE
1 Unit

Music 145 is a small instrumental group which plays for college and community activities. Emphasis is on balance, dynamics, phrasing, and interpretation. Performance 3 hours. **Prerequisite:** Ability to play a musical instrument in a band or orchestra. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

146
COMMUNITY ORCHESTRA:
LITERATURE 1725-1850
½-1 Unit

Music 146 is a class for students who want to learn and perform the standard orchestral repertoire from the Baroque era through the Romantic periods. Literature includes overtures, symphonies, and suites. Emphasis is placed on interpretation and style. Performance 3 hours. **Prerequisite:** The ability to perform on a standard orchestral instrument is required. **Note:** Concert dress is required. Students must provide an appropriate instrument. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

147
COMMUNITY ORCHESTRA:
LITERATURE 1825-1950
½-1 Unit

Music 147 is a class for students who want to learn and perform the standard orchestral repertoire from the Romantic era through the present. Concerto literature and programmatic music are featured. Emphasis is placed on interpretation and style. Performance 3 hours. **Prerequisite:** The ability to perform on a standard orchestral instrument is required. **Note:** Concert dress is required. Students must provide an appropriate instrument. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

148
CHAMBER MUSIC
½-1 Unit

Music 148 is a class for students who want to learn and perform performance standard chamber music repertoire from the Baroque era through the present. Ensembles from duos to quintets explore literature from various periods and for various instrumentations. Emphasis is placed on interpretation and style. **Prerequisite:** The ability to perform on a standard string, wind, or keyboard instrument is required. **Note:** Students must provide an appropriate instrument. This course may be taken four times; a maximum of four units may be earned. **Transfer credit: CSU, UC**

152
STRING ENSEMBLE
1 Unit

Music 152 is a small instrumental group which plays for college and community activities. Emphasis is on balance, dynamics, phrasing, and interpretation. Performance 3 hours. **Prerequisite:** Ability to play a musical instrument in a band or orchestra. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

156
CLASSICAL GUITAR I
2 Units

Music 156 is for students who wish to learn the elementary techniques of guitar playing. Included are the studies of fundamental music reading, skills, notation for guitar, tuning, playing techniques, fingerings, key signatures and scales, and the performance of easy solo guitar music in the first position. Another aspect of the course is to foster an appreciation for the classic guitar, its literature and performing artists. No previous musical training is required. Lecture 1 hour, laboratory 1 hour. **Prerequisite:** None. **Note:** Students are required to have a standard six (6) string guitar to use in class and are expected to practice one (1) hour a day. This course may be taken 2 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

157
CLASSICAL GUITAR II
2 Units

Music 157 continues with the study of basic classic guitar techniques. Dynamics, ligados, and grace **Notes** are introduced. Students become acquainted with the entire fingerboard through scales in the 2nd, 4th, 5th, 7th, and 9th positions, and also through selected compositions for the guitar from the 18th and 19th centuries, and solo arrangements of familiar tunes. Chord structure is discussed and applied to the fingerboard. Lecture 1 hour, laboratory 1 hour. Three (3) hours practice by arrangement. **Prerequisite:** Music 156 or equivalent. **Note:** Students are required to have a standard six (6) string guitar to use in class and are expected to practice one (1) hour a day. This course may be taken 2 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

158
CLASSICAL GUITAR III
2 Units

Music 158 proceeds with techniques and compositions of intermediate level. Included for study are selected pieces from the Renaissance, Baroque, Classic, and Romantic eras, as well as solo arrangements of familiar tunes. Knowledge of the entire fingerboard is further enhanced by the practice of two and three octave scales. Basic skills for transcribing music written for keyboard are introduced. Lecture 1 hour, laboratory 1 hour. Three (3) hours practice by arrangement. **Prerequisite:** Music 157 or equivalent. **Note:** Students are required to have a standard six (6) string guitar to use in class and are expected to practice one (1) hour a day. This course may be taken 2 times; a maximum of 4 units may be earned. **Transfer credit: CSU, UC, USC**

159 CLASSICAL GUITAR ENSEMBLE

½-1 Unit

Music 159 is for students who wish to learn the techniques used in performing guitar duos, trios, and quartets and who wish to perform with other instruments or with singers. Emphasis is placed on developing music reading skills and gaining additional familiarity with the guitar and its potential as an ensemble instrument. Selected works from the various periods of music history are rehearsed, and performed. Performance 3 hours. **Prerequisite:** Music 157 or equivalent. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned. Students are required to have a standard acoustic guitar equipped with nylon strings for use in class and for practice outside of class. An audition may be required. (Prior to Fall 1991, Music 159 was Classical Guitar IV.) **Transfer credit:** CSU, UC, USC

160 PIANO I

2 Units

Music 160 is designed for students who wish to gain an elementary knowledge of piano keyboard and the rudiments of music reading. The content of the course will be based on the assumption that students have had no previous musical training. Lecture 2 hours. **Prerequisite:** None. **Note:** Music 160 is not open to students having previous instruction or experience in piano playing. This course may be taken 2 times; a maximum of 4 units may be earned. It is recommended that the student have a piano available for practice and is expected to practice one (1) hour a day. **Transfer credit:** CSU, UC, USC

161 PIANO II

2 Units

Music 161 is a course for the advancement of the beginning pianist in skills, interpretation and tonal coloring. Lecture 2 hours. **Prerequisite:** Music 160 or one-half year of piano experience. **Note:** This course may be taken 2 times; a maximum of 4 units may be earned. It is recommended that the student has a piano available for practice and is expected to practice one (1) hour a day. **Transfer credit:** CSU, UC, USC

162 PIANO III

2 Units

Music 162 covers the theory and interpretation of works from the preclassical, classical, and romantic periods as well as modern or contemporary music. Emphasis on development of technique, style, tone-color, dynamics and phrasing. Lecture 2, hours. **Prerequisite:** Music 161 or one year of piano experience. **Note:** This course may be taken 2 times; a maximum of 4 units may be earned. It is recommended that the student has a piano available for practice and is expected to practice one (1) hour a day. **Transfer credit:** CSU, UC, USC

163 PIANO WORKSHOP

1 Unit

Music 163 is for advanced students who can benefit from individual study and supervised practice time. Piano Lab allows students to study solo repertoire, accompanying, ensemble playing, sight-reading, and improvisation. Lecture 1 hour, laboratory 1 hour. **Prerequisite:** Music 161 or equivalent. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned. (Prior to Fall 1991, Music 163 was Piano IV.) **Transfer credit:** CSU, UC, USC

170 MUSIC THEATRE WORKSHOP

3 Units

Music 170 is designed to provide training and experience in the art of musical theatre. Performance of a major production is the objective of the course. Students have the opportunity to participate in the rehearsals and the development of the performances. Course work provides experience in the techniques of stage ensemble, acting, technical stage, costuming, and makeup. Auditions are held for all roles. Lecture 2 hours, laboratory 3 hours. **Prerequisite:** Ability to sing with good pitch and acceptable vocal quality. **Note:** This course may be taken 4 times; a maximum of 12 units may be earned. **Transfer credit:** CSU, UC, USC

171 COMMERCIAL MUSIC

3 Units

Music 171 offers prospective musicians an introduction into the many vocational aspects of their field. It is designed to provide a basic understanding of such essentials as fields of commercial music employment opportunities, seeking employment, copyright law, typical financial transactions, modern recording procedures. Lecture 3 hours. **Prerequisite:** None. **Transfer credit:** CSU

175 SYNTHESIZER—ELECTRONIC MUSIC I

3 Units

Music 175 is a study of the synthesizer and electronic music through discussion of the history and literature and the practical use of electronic instruments. Instruction 3 hours, directed practice by arrangement 3 hours. **Prerequisite:** None.

176 POPULAR SONGWRITING

3 Units

Music 176 is designed for students who have a basic knowledge of music and music notation. Students learn how the components of lyrics, melody, and chords fit together within the verses, chorus, and bridge of a popular song. In addition, students develop an awareness of the stylistic traits that distinguish different types of popular music. Students are also introduced to the relevant aspects of the music publishing industry, including copyright law. **Prerequisite:** Music 101 or equivalent. **Note:** Music 176 is designed for students who have a basic knowledge of music. During the semester, students are required to write songs in different styles. Students must be able to perform their compositions and have the necessary skills to make simple audio-cassette recordings of their songs for in-class presentation.

230 CHORUS

½-1 Unit

Music 230 is a beginning course in the appreciation and performance of standard choral literature, with special emphasis on principles of part singing, vocal control, interpretation, diction, phrasing, and breath control. Public performances may be required. Performance 3 hours. **Prerequisite:** None. **Note:** An audition is required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** CSU, UC, USC

231 COLLEGE CHOIR

1 Unit

Music 231 is a beginning course in the appreciation and performance of advanced choral literature, with special emphasis on principles of part singing, vocal control, interpretation, diction, phrasing, and breath control. Public performances may be required. Performance 3 hours. **Prerequisite:** None. **Note:** Students must demonstrate the ability to match pitches and maintain steady rhythm. An audition may be required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** CSU, UC, USC

**232
CHAMBER CHORALE: WINTER
PRODUCTIONS***1 Unit*

Music 232 is a course in the appreciation and performance of choral literature written for treble voices. Emphasis is placed on music written prior to 1800 and appropriate seasonal literature. Public performance is required. Performance 3 hours. **Prerequisite:** None. **Note:** Students must have the ability to match pitches and maintain a steady rhythm. An audition is required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

**233
CHAMBER CHORALE: FESTIVAL***½-1 Unit*

Music 233 is a course in the appreciation and performance of choral literature written for treble voices. Emphasis is placed on music written after 1800 and other art music suitable for performance at adjudicated festivals. Public performance is required. Performance 3 hours. **Prerequisite:** None. **Note:** Students must have the ability to match pitches and maintain a steady rhythm. An audition is required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

**234
CONCERT SINGERS: MADRIGAL
FEASTE***½-1 Unit*

Music 234 is a course in the appreciation and performance of traditional choral literature. Emphasis is placed on music composed prior to 1700. Public performance is required. Performance 3 hours. **Prerequisite:** None. **Note:** Students must demonstrate the ability to match pitches and maintain steady rhythm. An audition is required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

**235
CONCERT SINGERS:
MASTERWORKS***½-1 Unit*

Music 235 is a course in the appreciation and performance of traditional choral literature. Emphasis is placed on music composed after 1700. Public performance is required. Performance 3 hours. **Prerequisite:** None. **Note:** Students must demonstrate the ability to match pitches and maintain steady rhythm. An audition is required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

**236
VOCAL ENSEMBLE: HOLIDAY
REVIEW***½-1 Unit*

Music 236 is the study and performance of choral literature composed for small vocal ensembles. Vocal music in both popular and jazz idioms is studied. Traditional seasonal music is emphasized. Some of the music may be choreographed. Performance 3 hours. **Prerequisite:** None. **Note:** An audition is required. Membership in other performance groups may be required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

**237
VOCAL ENSEMBLE: JAZZ/SHOW
CLASSICS***½-1 Unit*

Music 237 is the study and performance of choral literature composed for small vocal ensembles. Vocal music in both show (popular) and jazz idioms is studied. Some of the music may be choreographed. Performance 3 hours. **Prerequisite:** None. **Note:** An audition is required. Membership in other performance groups may be required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

**238
CHORALOGRAPHY***½-1 Unit*

Music 238 is the study and performance of movement for choral literature composed for small vocal ensembles. Vocal music in both popular and jazz idioms is studied in this course. Some traditional seasonal music is also studied. Emphasis is placed on movement that is appropriate for the choral singer. Performance 3 hours. **Prerequisite:** None. **Corequisite:** Music 236 or 237. **Note:** An audition with the instructor is required. Membership in other performance groups may be required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

**239
TOUR CHOIR***½-1 Unit*

Music 239 is a course which offers singers the opportunity to travel and perform choral masterworks in the great performance halls and churches of the world. Emphasis is placed on a combination of American literature and on the literature of the countries that are visited on the tour. All solo material is performed by members of the tour choir. Performance 3 hours. **Prerequisite:** None. **Note:** Students must demonstrate good musicianship, be able to sing on pitch, maintain steady rhythm and display a sensitivity to choral blending of voices. An audition may be required. This course may be taken 4 times; a maximum of 4 units may be earned. See instructor for estimated cost. **Transfer credit:** *CSU*

**240
CONCERT SINGERS:
HOLIDAY CONCERT***½-1 Unit*

Music 240 is a course in the appreciation and performance of traditional choral literature. Emphasis is placed on non-orchestral music composed for the winter holiday season. Public performance is required. Performance 3 hours. **Prerequisite:** None. **Note:** Students must demonstrate the ability to match pitches and maintain steady rhythm. An audition is required. This course may be taken 4 times; a maximum of 4 units may be earned. **Transfer credit:** *CSU, UC, USC*

NATIONAL FIELD STUDIES

**148
NATIONAL FIELD STUDY***1-6 Units*

One unit of elective credit to be offered for six days of supervised travel and study up to a maximum of six units for 36 days, under the direction of a credentialed instructor. **Prerequisite:** Approval of program and units of credit attempted must be obtained from the Executive Vice President, Instructional Services prior to the domestic travel. **Transfer credit:** *CSU*

NURSING

The Allied Health Division offers a variety of courses and programs in the health care field. Semester length courses include the Emergency Medical Technician and Nursing Assistant classes, both of which prepare students to apply for and take their respective certifying examinations. An Alcohol/Drug Studies Program is also offered (see listing under that heading in this catalog). These programs are described in the Associate in Science Majors and Certificate programs section of this catalog.

ALLIED HEALTH

140 EMERGENCY MEDICAL TECHNICIAN (Formerly Emergency Medical Technology 101) 6½ Units

Allied Health 140 is a training program which provides the student with the opportunity to acquire the knowledge and skills needed to provide emergency care and transportation of the sick and injured. The course includes 24 hours of hospital and ambulance experience. Lecture 6 hours, laboratory 1½ hours. **Prerequisite:** Eligibility for English 120 or ESL 151. On the first day of class students must be in possession of a Class "C" CPR card which is valid for the entire semester. **Note:** Upon completion of Allied Health 140 with a grade of "C" or better, the student is eligible to take the Los Angeles County Department of Health Services examination for certification as an EMT-I. Certification is required for employment as an ambulance attendant in California. Many fire departments require EMT-I certification as a prerequisite to application and testing.

141 EMERGENCY MEDICAL TECHNOLOGY REFRESHER COURSE (Formerly Emergency Medical Technology 102) 1½ Units

Allied Health 141 provides the California Emergency Medical Technician with an update of recent procedural and regulatory changes in EMT practice. New and previously learned competencies related to equipment and techniques employed in emergency care are emphasized. Critical content for emergency response and treatment is reviewed. Lecture 5 hours (5 weeks). **Prerequisite:** Completion of Allied Health 140 or the equivalent with a "C" or better. **Note:** This course may be taken 4 times; a maximum of 6 units may be earned.

145 NURSING ASSISTANT: LONG TERM CARE AND HOME HEALTH 6½ Units

Allied Health 145 offers the student an introduction to basic nursing and the health care field by working with residents and patients in long term care and home settings. Emphasizing the role of the certified nursing assistant on the health care team, the needs of the long term and aging patient are studied. Nursing skills and clinical procedures, patient needs, inter-personal skills, safety, nutrition, rehabilitation, and supervised clinical experiences are included. Lecture 4 hours, laboratory 7½ hours. **Prerequisite:** Eligibility for English 120 or ESL 151 and eligibility for Mathematics 153. Possess a current CPR card (Class "C" or BCLS). **Note:** This is a short term course which is offered only as Credit/No Credit. Health clearance is required. Students successfully completing this course receive documentation of course completion and are eligible to apply to the State of California to take the written and manual skills test for certification as a nursing assistant. Students who complete the course and receive certification also receive a Home Health Aide Certificate. Applicants for state certification may be denied certification by the state for prior convictions which substantially relate to the qualifications and duties of a nurse assistant or home health aide (AB 3477).

NURSING SCIENCE

102 VOCATIONAL NURSING SEMINAR II 1½ Units

Nursing Science 102 provides an enrichment opportunity for level two vocational nursing students to further explore the application of medical-surgical, mental health, and pharmacologic classroom content to the clinical situation. The course includes discussion, demonstration, computer simulation, guided practice, and audiovisual presentations. Lecture 1 hour, laboratory 1½ hours. **Prerequisite:** Completion of the first semester of the Vocational Nursing Program, or previous completion of equivalent coursework. **Corequisite:** Enrollment in the second semester of the Vocational Nursing Program. **Transfer credit: CSU**

107 VOCATIONAL NURSING PHARMACOLOGY II 1½ Units

Nursing Science 107 continues the study and application of pharmacokinetics, pharmacodynamics, and pharmacotherapeutics for the vocational nursing student. The nursing process and unmet human needs are utilized as a basis to provide a framework for the study of selected classes of medications. Emphasis is placed on teaching the patient/family and promoting compliance in medication management. Legal and ethical issues related to medication administration are stressed. Lecture 1½ hours. **Prerequisite:** Nursing Science 106 and the first semester of the Vocational Nursing Program, or previous completion of equivalent coursework. **Transfer credit: CSU**

108 BASIC NUTRITION IN NURSING 2 Units

Nursing Science 108 focuses on basic principles of nutrition and their application to health and the life cycle. This course provides an introduction to medical nutrition therapy and emphasizes the importance of the nurse's role in reinforcement of diet and nutrition in all aspects of patient care. Lecture 2 hours. **Prerequisite:** None. **Note:** This course may be taken prior to registering for the nursing program and beginning nursing classes. Nursing Program, or previous completion of equivalent coursework.

112 VOCATIONAL MEDICAL-SURGICAL NURSING II 3½ Units

Nursing Science 112 continues, for the vocational nursing student, the study of the adult with unmet needs resulting from major health problems. This course addresses the needs of patients across the lifespan who require more complex nursing interventions and skills. Content also includes an introduction to rudimentary leadership and supervision as well as contemporary practice issues. The student is encouraged to build on competencies gained from the previous semester in electronic acquisition and use of health care information. Lecture 3 hours. **Prerequisite:** Completion of the first semester of the Vocational Nursing Program or its equivalent. **Corequisite:** Enrollment in the second semester vocational nursing curriculum.

124 VOCATIONAL MATERNAL CHILD HEALTH NURSING

3 Units

Nursing Science 124 focuses the vocational nursing student on the needs of the growing family and incorporates both maternity and pediatric nursing content. The nursing process is stressed as the student learns to adapt previously acquired knowledge to the unmet needs of the maternity and pediatric patient. Emphasis is placed on the observation and direct care of the normal maternity patient/family and the pediatric patient/family experiencing commonly encountered health problems. Lecture 3 hours. **Prerequisite:** Completion of the first year of the Vocational Nursing Program, or the equivalent. **Corequisite:** Enrollment in the second semester vocational nursing curriculum.

132 MEDICAL-SURGICAL VOCATIONAL NURSING II LABORATORY

2½ Units

Nursing Science 132 provides clinical experiences with patients across the life span who require more complex nursing interventions and skills. Experiences are designed to provide an opportunity for the student to apply classroom content, use the nursing process, and build medical-surgical skills in varied settings. Concepts of supervision and rudimentary leadership are applied to the health care setting. The complexity of assignments which provide supervisory experiences in the clinical area is tailored to student level/placement in the curricular sequence. Laboratory 7½ hours. **Prerequisite:** Completion of the first semester of the Vocational Nursing Program or its equivalent. **Corequisite:** Enrollment in second semester vocational nursing curriculum.

134 MATERNAL CHILD HEALTH LABORATORY

2½ Units

Nursing Science 134 provides the opportunity for the vocational nursing student to apply maternal-child health content in the clinical setting. Direct care of patients commonly encountered in maternal-child health care settings is emphasized. The nursing process is utilized as the student learns to adapt previously learned clinical skills to the unmet needs of the maternity and pediatric patient/client in varied settings. Laboratory 7½ hours. **Prerequisite:** Completion of the first year of the Vocational Nursing Program, or completion of previous equivalent coursework. **Corequisite:** Enrollment in the second semester vocational nursing curriculum.

REGISTERED NURSING

200 NURSING PERSPECTIVES

1½ Units

Nursing Science 200 presents an overview of current health and nursing practice issues with their historical influences. Topics provide the novice nurse an overview of historical and philosophical viewpoints regarding regulatory scopes of practice, ethics and law, interdisciplinary roles, communication, health, and health care delivery trends. Lecture 1½ hours. **Prerequisite:** Selection for enrollment in the Registered Nursing Program. **Transfer credit:** CSU

201 NURSING SEMINAR I

1 Unit

Nursing Science 201 provides an enrichment opportunity for all level one nursing students to further explore the application of medical-surgical, fundamentals, and pharmacologic classroom content to the clinical situation. The course includes discussion, demonstration, computer simulation, guided practice, and audiovisual presentations. Laboratory 3 hours. **Prerequisite:** Selection for enrollment in the Registered Nursing Program. **Corequisite:** Enrollment in the first semester of the Registered Nursing Program. **Note:** This is an optional but highly recommended class in the Registered Nursing curriculum. **Transfer credit:** CSU

202 NURSING SEMINAR II

1½ Units

Nursing Science 202 provides an enrichment opportunity for all level two nursing students to further explore the application of medical-surgical, psychiatric, and pharmacologic classroom content to the clinical situation. The course includes discussion, demonstration, computer simulation, guided practice, and audiovisual presentations. Lecture 1 hour, laboratory 1½ hours. **Prerequisite:** Completion of the first semester of the Registered Nursing Program, or previous completion of equivalent coursework. **Corequisite:** Enrollment in the second semester of the Registered Nursing Program. **Note:** This is an optional but highly recommended class in the Registered Nursing curriculum. **Transfer credit:** CSU

203 NURSING SEMINAR III

1½ Units

Nursing Science 203 provides an enrichment opportunity for all level three nursing students to further explore the application of medical-surgical and maternal-child health classroom content to the clinical situation. Lifespan scenarios are given application emphasis. This course includes discussion, demonstration, computer simulation, guided practice, and audiovisual presentations. Lecture 1 hour, laboratory 1½ hours. **Prerequisite:** Completion of the second semester of the Registered Nursing Program, or completion of previous equivalent coursework; or selection for the Career Ladder LVN-RN Program. **Corequisite:** Enrollment in the third semester of the Registered Nursing Program. **Note:** This is an optional but strongly recommended class in the Registered Nursing curriculum. **Transfer credit:** CSU

204 NURSING SEMINAR IV

1 Unit

Nursing Science 204 provides an enrichment opportunity for all level four nursing students to further explore the application of medical-surgical nursing and leadership classroom content to the contemporary clinical situation. The class provides an arena for the student to practice career-planning and employment-seeking strategies as well as arrhythmia detection/identification and advanced intravenous skills. This course includes discussion, demonstration, computer simulation, guided practice, and audiovisual presentations. Lecture ½ hour, laboratory 1½ hours. **Prerequisite:** Completion of the third semester of the Registered Nursing Program, or previous completion of equivalent coursework. **Corequisite:** Enrollment in the fourth semester of the Registered Nursing Program. **Note:** An optional but highly recommended class in the Registered Nursing curriculum. **Transfer credit:** CSU

205 ESSENTIALS OF MEDICATION ADMINISTRATION

½ Unit

Nursing Science 205 is an introductory course which presents the basic knowledge required for safe medication administration. This course is the foundation for the subsequent two course pharmacology sequence and emphasizes the ability of the student to calculate correct drug dosages. The role of the nurse in pharmacologic therapy is presented, stressing individual accountability in the administration of medication. The way drugs work, their absorption, routes of administration, and rationale for use are thoroughly studied. Federal and state regulations which pertain to the administration of medications and regulation of controlled substances are examined. Lecture ½ hour. **Prerequisite:** Selection for enrollment in the Registered Nursing Program. **Transfer credit:** CSU

206 NURSING PHARMACOLOGY I

1 Unit

Nursing Science 206 is the first of two pharmacology courses and introduces the nursing student to the basic knowledge of pharmacology required to administer medications. The nursing process and unmet human needs provide a framework for the study of selected classes of medications. The role of the nurse in promoting safe and effective pharmacologic therapy is stressed. The importance of health team communication and patient teaching regarding medication administration is incorporated throughout the course. Lecture 1 hour. **Prerequisite:** Nursing Science 205 or previous completion of equivalent coursework. **Transfer credit:** CSU

207 NURSING PHARMACOLOGY II

1½ Units

Nursing Science 207 continues the study and application of pharmacokinetics, pharmacodynamics, and pharmacotherapeutics. The nursing process and unmet human needs are utilized as a basis to provide a framework for the study of selected classes of medications. Emphasis is placed on teaching the patient/family and promoting compliance in medication management. Legal and ethical issues related to medication administration are stressed. Lecture 1½ hours. **Prerequisite:** Nursing Science 206 and the first semester of the Registered Nursing Program, or previous completion of equivalent coursework. **Transfer credit:** CSU

210 FUNDAMENTALS OF NURSING

4 Units

Nursing Science 210 introduces the core concepts, principles, and clinical skills common to all areas and levels of nursing practice. It presents the delivery of nursing care based on a hierarchy of universal human needs which impact health, quality of life, and achievement of potential. The entry level student is introduced to the components and use of the nursing process. This course provides the basic platform of nursing knowledge, skills, and caring upon which subsequent nursing courses build. The student is introduced to health care resources for electronic information retrieval. Clinical experiences in the ambulatory and/or acute and long-term care health care settings and simulated experiences in the College Nursing Skills Laboratory are included. Lecture 1½ hours, laboratory 7½ hours. **Prerequisite:** Selection for enrollment in the Registered Nursing Program. **Corequisite:** Nursing Science 200 and 205 or previous completion of equivalent coursework. **Recommended preparation:** Concurrent enrollment in Nursing Science 201. **Transfer credit:** CSU

211 MEDICAL-SURGICAL NURSING I

4 Units

Nursing Science 211 introduces the student to the basic concepts involved in caring for the patient with a medical-surgical health problem. The course stresses unmet human needs and the nursing process as organizing frameworks for nursing knowledge and skills. Health care needs of the older adult are emphasized. This course continues to emphasize access and use of electronically obtained information related to nursing and health care. Clinical experiences which provide an opportunity for the student to apply theoretical concepts and utilize basic clinical skills are included. Lecture 1½ hours, laboratory 7½ hours. **Prerequisite:** Nursing Science 205 and 210, or previous completion of equivalent coursework. **Corequisite:** Nursing Science 200 and 206 or previous completion of equivalent coursework. **Transfer credit:** CSU

212 MEDICAL-SURGICAL NURSING II

4½ Units

Nursing Science 212 continues the study of the adult with unmet needs resulting from health problems. This course addresses the needs of patients across the adult life span whose health care needs require more complex nursing interventions and skill using the nursing process. The student is encouraged to build on skills gained from the previous semester in electronic acquisition and use of health care information. Clinical experiences are included which provide an opportunity for the student to apply theoretical concepts, think critically, and build clinical skills. Lecture 2 hours, laboratory 7½ hours. **Prerequisite:** Completion of the first semester of the Registered Nursing Program, or previous completion of equivalent coursework. **Corequisite:** Nursing Science 207 or previous completion of equivalent coursework. **Recommended preparation:** Concurrent enrollment in Nursing Science 202 is highly recommended. **Transfer credit:** CSU

213 MEDICAL-SURGICAL NURSING III

4½ Units

Nursing Science 213 continues the study of the adult and the aging adult with unmet needs resulting from increasingly complex health problems. This course addresses the needs of patients/clients whose health care needs require complex nursing interventions and competence using the nursing process. Physical assessment is reintroduced at a more complex level, building on previous knowledge and experiences. A portion of clinical assignments focuses on the aging adult with complicated health care needs. Clinical experiences include acute and community-based experiences which provide an opportunity for the student to apply theoretical concepts, demonstrate critical thinking, and increase clinical skills. Lecture 2 hours, laboratory 7½ hours. **Prerequisite:**

- Completion of the first year of the Registered Nursing Program, or previous completion of equivalent coursework; or
- Selection for enrollment in the Career Ladder LVN-RN Program.

Recommended preparation: Concurrent enrollment in Nursing Science 203. **Transfer credit:** CSU

**214
MEDICAL-SURGICAL NURSING IV**
6 Units

Nursing Science 214 continues the study of the adult with unmet needs resulting from complex health problems. This course addresses the needs of patients/clients whose health care needs require complex nursing interventions and proficiency in the use of the nursing process. Content includes licensure issues and leadership principles in preparation for entry into practice as a licensed registered nurse. Clinical experiences are structured in a preceptorship format to provide a greater opportunity for the student to apply theoretical concepts and manage multiple priorities, as well as refine critical thinking and clinical skills. Lecture 2½ hours, laboratory 10½ hours. **Prerequisite:** Completion of the third semester of the Registered Nursing Program. **Recommended preparation:** Concurrent enrollment in Nursing Science 204. **Transfer credit:** CSU

**215
NURSING PRACTICE IN
CONTEMPORARY SETTINGS**
3 Units

Nursing Science 215 provides the fourth semester nursing student with the opportunity to integrate and apply previously learned skills and knowledge from all areas of nursing practice to new, current, and/or evolving health care settings. Classroom content focuses on the forces which have influenced modern health care in America as well as the sociological, political, and economic issues which shape the delivery of contemporary health care and the practice of nursing. Classroom and clinical experiences assist the student to acquire additional proficiency which will assist in securing an entry level registered nurse position. Lecture 1½ hours, laboratory 4½ hours. **Prerequisite:** Completion of the third semester of the Registered Nursing Program. **Corequisite:** Nursing Science 214. **Recommended preparation:** Concurrent enrollment in Nursing Science 204. **Transfer credit:** CSU

**217
LVN-RN BRIDGE COURSE
(Formerly Nursing 217)**
1 Unit

Nursing Science 217 is an introduction for the LVN to the concepts central to registered nursing practice. The course clarifies the philosophy and theme which serve as the foundation for the registered nurse curriculum at Glendale Community College. It fosters clinical application of the nursing process and its integration into nursing practice. Lecture 3 hours (6 weeks). **Prerequisite:** Selection for the Career Ladder Nursing Program. **Note:** Successful completion of this course is required for the Career Ladder student to remain enrolled in the Nursing Department. **Transfer credit:** CSU

**222
PSYCHIATRIC NURSING**
3½ Units

Nursing Science 222 focuses on the dynamics of adult clients undergoing acute and chronic psychosocial stress. The nursing process, including interviewing skills, is presented within a framework of total mental health team management. Therapeutic relationship is presented as a means of expressing caring. The causes of stress are identified from various theoretical perspectives. The student is encouraged to undertake self exploration and develop a concept of the individual that includes the ability to adapt as a result of successful human need fulfillment. The course provides the student with knowledge and understanding of the interrelatedness of developmental, environmental, cultural, socioeconomic and ethnic factors affecting psychosocial adaptation along the health-illness continuum. Laboratory experiences in mental health settings are included. Lecture 2 hours, laboratory 4½ hours.

Prerequisite:

- Completion of the first semester of the generic Registered Nursing Program, or completion of previous equivalent coursework; or
- Selection for enrollment in the Career Ladder LVN-RN Program.

Corequisite: Nursing Science 207 or previous completion of equivalent coursework is required for the generic student. **Recommended preparation:** Concurrent enrollment in Nursing Science 202 is highly recommended. **Transfer credit:** CSU

**223
MATERNAL CHILD HEALTH**
5½ Units

Nursing Science 223 focuses on the needs of the growing family and incorporates both maternity and pediatric nursing content. The nursing process is stressed as the student learns to adapt previously learned skills and knowledge to the unmet needs of the maternity and pediatric patient. Observation and direct care of normal and high risk populations are included. Theory and clinical experiences are structured to provide the second year nursing student with the opportunity to develop essential linkages for decision making and prioritization unique to this specialty. Lecture 3½ hours, laboratory 6 hours. **Prerequisite:** Completion of the first year of the Registered Nursing Program, or completion of previous equivalent coursework. **Recommended preparation:** Concurrent enrollment in Nursing Science 203. **Transfer credit:** CSU

NUTRITION

See Culinary Arts

OCEANOGRAPHY

**115
OCEANOGRAPHY**
3 Units

Oceanography 115 is an introduction to the physical, chemical, and geological aspects of oceanography. Lecture 3 hours. **Prerequisite:** None. **Transfer credit:** CSU, UC, USC

**116
OCEANOGRAPHY LABORATORY**
1 Unit

Oceanography 116 is an introduction to the common laboratory practices and exercises on the physiochemical and geological aspects of oceanography. Laboratory 3 hours per week including 8 hours of supervised observations and data collection aboard an oceanographic research vessel. **Prerequisite:** Oceanography 115. (Oceanography 115 may be taken concurrently.) **Transfer credit:** CSU, UC, USC

PALEONTOLOGY

101 GENERAL PALEONTOLOGY 3 Units

Paleontology 101 is a survey of the classification and history of life including both plants and animals. It also includes an interpretation of the significance of fossils as evidence of organic evolution and the adaptations of life to its physical and biological environments. Students study the sequences of floras and faunas as found in the rocks. Lecture 3 hours. **Prerequisite:** None. **Note:** A good high school record or second semester standing is recommended. **Transfer credit:** CSU, UC, USC

PHILOSOPHY

101 INTRODUCTION TO PHILOSOPHY 3 Units

Philosophy 101 is an overview of the classical and modern problems of philosophy. A consideration of the nature of knowledge, views of the cosmos or world, and the problems of truth, beauty, ethics, and theology. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC (CAN PHIL 2)

112 HUMAN VALUES AND ENVIRONMENTAL ISSUES 2 Units

Philosophy 112 is a study of human attitudes toward the physical world and the biological organisms within it. Topics covered will be the definition of values, a study of historical viewpoints, and a brief assessment of the consequences of such attitudes in creating and/or solving environmental problems. The course will consider various ways in which a consciously considered value system might be deliberately applied to specific solutions. Lecture 2 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC

113 COMPARATIVE WORLD RELIGIONS: NEAR EAST 3 Units

Philosophy 113 is a comparative study of the salient ideas and philosophical developments in Zoroastrianism, Judaism, Christianity, Islam, and primitive and national religions of the past. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC

114 COMPARATIVE WORLD RELIGIONS: FAR EAST 3 Units

Philosophy 114 is a comparative study of the salient ideas and philosophical developments in Hinduism, Buddhism, other Indian religions, Taoism, Confucianism, and Shinto. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC

116 ETHICS FOR MODERN LIFE 3 Units

Philosophy 116 is an analysis of the concept of the good, the scope of morality, the deterministic controversy, the ethical yardsticks, and the major ethical systems and their roots. Attention is given to contemporary positivism, John Dewey, Marxist ethics, authority as an ethical principle, intuitionism, egoistic hedonism, utilitarianism, ethical idealism, Immanuel Kant, modern Aristotelianism, and existentialism and recent ethical theories. The nature and scope of contemporary moral problems are also examined. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC (CAN PHIL 4)

117 INTRODUCTION TO LOGIC 3 Units

Philosophy 117 is a study of the structure and function of language, inductive and deductive forms of reasoning and argumentation. Includes the study of formal argumentation, the methods of experimental inquiry, the nature of scientific hypothesis, and probability theory. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC (CAN PHIL 6)

118 WOMEN, THE EARTH, AND THE DIVINE 3 Units

Philosophy 118 introduces students to the relationship between social domination of women and domination of the rest of nature. The goal of this course is to help students develop skills in analyzing the impact of the world's major religions on the lives of women in both the majority and minority cultures and on the life of the planet earth. Topics covered are the definition of values, a study in viewpoints of the major religious traditions, such as Hinduism, Buddhism, Judaism, Christianity and Islam. This course also offers a brief assessment of the consequences of such attitudes in creating and/or solving women's as well as environmental problems in the United States. Emphasis is placed on developing judgment in the use of primary or secondary sources, and helping students discern what sources they should or should not trust. The course considers the differences among applications of deliberately selected value systems with respect to the treatment of women in the United States. In addition, it presents how the treatment of women in minority cultures affects cross cultural understanding and affects the attitudes of the majority towards minorities. Lecture 3 hours. **Recommended preparation:** Eligibility for English 120 or ESL 151. **Transfer credit:** CSU, UC, USC

119 HISTORY OF PHILOSOPHY: ANCIENT PERIOD 3 Units

Philosophy 119 is a critical study of the philosophic systems and ideas of the Western civilization from the ancient Greeks to the end of the Medieval period, with special emphasis on the Pre-Socratics, Plato, Aristotle, Roman philosophical thinkers, and the impact of Christian thought on Western culture. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC

120 HISTORY OF PHILOSOPHY: MODERN PERIOD 3 Units

Philosophy 120 is a critical study of the philosophic systems and ideas of the modern period which have had a dominant impact on Western civilization, with special emphasis on Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, Hegel, Marx, Nietzsche, twentieth century British and American philosophers. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC

121
ISLAM: A WAY OF LIFE
 3 Units

Philosophy 121 is a study of Islam as both a religion and a culture. The study of the religion includes a consideration of beliefs and practices of the faith, and the history of the man, Muhammad, who revealed the faith. The study of the culture includes a consideration of the early successors to Muhammad, religious movements and sects, philosophy, science, and political power. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC

122
LATIN AMERICAN PHILOSOPHY
 3 Units

Philosophy 122 is the study of the various forms which philosophy has taken in Latin America. The course examines the background of Inca, Aztec, and European thought patterns. It emphasizes philosophy of civilization and philosophy of art, including the contributions of the Mexican muralist. Representative viewpoints, such as scholasticism, romanticism, and evolutionism are described. The course underlines the vitality of Latin American positivism, and it concludes with rival twentieth century currents of thought. Lecture 3 hours. **Recommended preparation:** Eligibility for English 101. **Transfer credit:** CSU, UC, USC

PHOTOGRAPHY

101
INTRODUCTION TO PHOTOGRAPHY
 3 Units

Photography 101 is a beginning course in black and white photography that covers basic camera operations, light, film, exposure, darkroom procedures, film processing, printing with filters, burning, dodging, spotting, and drymounting. Emphasis is placed on composition theory, print quality, concept, and design throughout the course. Lecture 2 hours, studio/laboratory 4 hours. **Prerequisite:** None. **Transfer credit:** CSU, UC, USC

102
BLACK AND WHITE DARKROOM LABORATORY

1 Unit
NON-DEGREE APPLICABLE

Photography 102 enables photography students to have additional supervised black and white studio time, and to increase their technical and design skills relative to concurrent enrollment in a black and white photography course. Studio 4 hours. **Corequisite:** Enrollment in one of the following: Photography 101, 103, 105, 107 (for students working in black and white photography), 108, 112, or 114. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned.

103
INTERMEDIATE PHOTOGRAPHY
 3 Units

Photography 103 is an intermediate black and white photography course which explores experimental methods of photographic printing, a variety of black and white films, printing papers, film developers, and how to window mat. Students develop projects using a variety of experimental methods. Print quality, concept, and design are emphasized throughout the course. Lecture 2 hours, studio 4 hours. **Prerequisite:** Photography 101 or equivalent. **Note:** This course may be taken 2 times; a maximum of 6 units may be earned. **Transfer credit:** CSU

104
COLOR DARKROOM LABORATORY
 1 Unit

NON-DEGREE APPLICABLE
 Photography 104 enables photography students to have additional supervised color studio time, and to increase their technical and design skills relative to concurrent enrollment in a color photography course. Studio 4 hours. **Corequisite:** Enrollment in one of the following: Photography 107 (for students working with color negatives or slides), 109 or 110. **Note:** This course may be taken 4 times; a maximum of 4 units may be earned.

105
ADVANCED PHOTOGRAPHY
 3 Units

Photography 105 is an advanced black and white photography course which covers methods of creating multiple images such as: multiple exposure and multiple printing, photographing with filters, and the application of hand-coloring materials. Students develop projects using multiple image creation techniques. Print quality, concept, and design are emphasized throughout the course. Lecture 2 hours, studio 4 hours. **Prerequisite:** Photography 103 or equivalent. **Note:** This course may be taken 2 times; a maximum of 6 units may be earned. **Transfer credit:** CSU

107
SPECIAL PROJECTS
 3 Units

Photography 107 is designed for advanced students who wish to concentrate on an in-depth individual direction. The student explores and combines an aesthetic and expressive use of the photographic medium to complete projects with developed personal statements. At the beginning of the semester, the student presents a written proposal outlining three specific areas of concentration: 1. theme, 2. medium, 3. techniques. Students are required to complete a professional portfolio at the end of the semester. Research and reading assignments are made where applicable. Lecture 2 hours, studio 4 hours. **Prerequisite:** Photography 105. **Note:** This course may be taken 3 times; a maximum of 9 units may be earned. **Transfer credit:** CSU

108
PHOTO COMMUNICATIONS
 3 Units

Photography 108 allows students to explore various approaches and uses of the photograph for publication. The course covers concepts in the impact of the single image, candid and contrived subject matter, image with text, and the photo essay form. Emphasis throughout the course is on development of technical skills and a personal point of view. Lecture 2 hours, studio 4 hours. **Prerequisite:** Photography 103 or equivalent. **Note:** This course may be taken 2 times; a maximum of 6 units may be earned. **Transfer credit:** CSU