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HEALTH

Division: Health and Exercise Sciences

- HLTH-101 Health Science**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
- This course promotes personal, family, and community well-being and includes ways to obtain and maintain optimum wellness. (GC)
- HLTH-150 Women's Health Issues**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: WS-150
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
- This course is a study of the contemporary issues of women's health at home and at work, from the biological, psychological, and sociological perspectives which affect women in American culture including such topics as mental health, sexuality, parenting, nutrition, exercise, rape and battery, aging, occupational health, and cultural diversity. (GC)

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HISTORY

Division: Language Arts, Library, and Social Sciences

- HIST-104A Western Civilization with a World Perspective**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
- This course is a survey of the cultural, social, and political developments of civilization in the Mediterranean through the beginning of early modern history. This course takes an interdisciplinary approach to the study of Western Civilization before 1600 and includes a world perspective. This course is also offered in a self-paced format whereby students can complete the course at their own speed. (GC) (CAN HIST 2 OR HIST-104A + HIST-104B = CAN HIST SEQ A)
- HIST-104B Western Civilization with a World Perspective**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
- This course is a survey of the cultural, social, and political developments in Western Civilization with a world perspective from the rise of the nation-state through contemporary times with a speculative look at the future. This course is also offered in a self-paced format whereby students can complete the course at their own speed. (GC) (CAN HIST 4 or HIST-104A + HIST-104B = CAN HIST SEQ A)
- HIST-105 History of California**
3.40 hrs lecture
Units: 3.00
Advisory: ENGL-101A
Accepted For Credit: CSU and UC
- This course covers the heritage and development of California from its beginnings to the present day with emphasis on the economic, social, ethnic, multicultural, and political forces which shaped the modern state. The Golden State's phenomenal growth and multicultural changes are emphasized. (GC)
- HIST-107 History of Film**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: TD-107
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
- This course examines the impact of film on our lives and history. Students will review films, and discuss and analyze techniques used. (GR)
- HIST-112 Chicano History**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: CHS-102
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
- This course covers the development of Chicano history. Special emphasis will be placed upon the influence of Chicano history on contemporary institutions, particularly in the Southwest and California. (GC)
- HIST-114 African-American History**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
- A history of African-Americans from the early 17th century to the present will be covered. Political, social, cultural, and economic experiences will be discussed. (GC)
- HIST-115 Asian-American History**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
- This course will cover a history of the Asian-American experience. Groups surveyed will include Korean, Filipino, Asian Indian, Pacific Islanders, South East Asian, Japanese, and Chinese. (GC)
- HIST-117A History of the United States**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
- This course surveys the history of the United States from pre-colonial times through Reconstruction (1877). (GC) (CAN HIST 8 or HIST-117A + HIST-117B = CAN HIST SEQ B)
- HIST-117B History of the United States**
3.40 hrs lecture
Units: 3.00
Advisory: ENGL-101A
Accepted For Credit: CSU and UC
- This course surveys the history of the United States from 1877 (the end of Reconstruction) to the present. (GC) (CAN HIST 10 or HIST-117A + HIST-117B = CAN HIST SEQ B)



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- HIST-118 Contemporary U.S. History: 1945 –**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B, ENGL-163, HIST-117A/B
Accepted For Credit: CSU and UC
This course surveys the post-World War II role of the United States in world affairs and explores the socio-political development of the nation from 1945 to the present. It will emphasize the growing cultural pluralism of twentieth century America. (GC)
- HIST-141 A History of Early Rock and Roll: Music and Culture of the 1950's**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: IS-142, MUS-122
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course presents a historical overview of the emergence of rock and roll music as a cultural phenomenon in the United States. The major figures of the 1950's—Bill Haley, Fats Domino, Elvis Presley, Chuck Berry, and Little Richard—will be studied as examples of rock and roll music as an American popular culture form during the mid-twentieth-century. (GC)
- HIST-142 History of Rock and Roll Music**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: IS-143, MUS-123
Accepted For Credit: CSU and UC
The development of rock and roll music is studied from the Beatles to Led Zeppelin. Slides, music, and lecture material will analyze the cultural impact of recent rock music. (GC)
- HIST-143 Rock Music Since 1970**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: MUS-125
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course looks at the development of popular music and culture since 1970. It will include looks at art rock, disco, new wave, reggae, rap, hip-hop, and related genres. (GR)
- HIST-365 Supervised Tutoring**
6.80 hrs lab
Units: 0.00
Prerequisite: Instructor or Counselor referral
This course provides students with individualized tutoring. It assists students to develop a learning methodology in a subject. It includes diagnosis and consultation with tutorial coordinator and supervised tutoring by part-time instructional aides and/or student tutors. Repeatable = 3 times (NG)

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INTERDISCIPLINARY STUDIES

Division: Fine Art, Business, and Broadcasting

- IS-100 Survey of the Arts**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ART-100, MUS-100, TD-100
Corequisite: IS-100L
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
In this course theatre, art, and music are explored through discussion, historical review, and contemporary issues. The purpose of this course is to increase students' understanding and enjoyment of the arts. The class is taught by three instructors, one from each area. (GC)

- IS-100L Survey of the Arts Performance Attendance Lab**
6.00 hrs lab/term
Units: 0.00
Cross-referenced Course: ART-100L, TD-100L, MUS-100L
Corequisite: IS-100
This is a concert, performance, or gallery attendance lab component for Survey of Arts course requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. (NG)
- IS-110 Introduction to Ethnic Studies**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course is an introduction to the historical experiences of selected ethnic minority communities in the United States which affect how minorities view themselves in relationship to the larger United States society. Exploration of such issues as affirmative action, differential educational needs, and cross-cultural learning and communication patterns will be studied. (GR)
- IS-120 Women of the Western World**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: WS-120
Advisory: ENGL-101A
Accepted For Credit: CSU and UC
This course is an interdisciplinary course involving an overview of women's traditional roles in the western world; the history of the feminist movement, past and present; and an attempt to define the changing role of women in a diverse contemporary American society. Cross-cultural information about women's roles in other societies will be regularly introduced. (GC)
- IS-142 A History of Early Rock and Roll: Music and Culture of the 1950's**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: HIST-141, MUS-122
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course presents a historical overview of the emergence of rock and roll music as a cultural phenomenon in the United States. The major figures of the 1950's—Bill Haley, Fats Domino, Elvis Presley, Chuck Berry, and Little Richard—will be studied as examples of rock and roll music as an American popular cultural form during the mid-twentieth century. (GC)
- IS-143 History of Rock and Roll Music**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: HIST-142, MUS-123
Accepted For Credit: CSU and UC
The development of rock and roll music is studied from the Beatles to Led Zeppelin. Slides, music, and lecture material will analyze the cultural impact of recent rock music. (GC)



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INTERIOR DESIGN

Division: Fine Arts, Business, and Broadcasting

- ID-150A Interior Design Concepts**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ART-150A
Accepted For Credit: CSU
- This is an introductory course. Students analyze interiors using basic design concepts. Principles and techniques used by professional interior designers are demonstrated. Case studies in problem solving with an emphasis on residential interiors are presented. Repeatable = 1 time (GC)
- ID-150B Interior Design**
2.30 hrs lecture, 4.50 hrs lab
Units: 3.00
Cross-referenced Course: ART-150B
Prerequisite: ID/ART-150A
Accepted For Credit: CSU
- This course is a continuation of ID-150A. Interior design theories and methodologies are explored in depth through case studies emphasizing the design of public space. Repeatable = 3 times (GC)
- ID-151 Visualization and Presentation**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Cross-referenced Course: ART-151
Advisory: ID-150A, ID-155A or ART-108
Accepted For Credit: CSU
- This course familiarizes students with current methods and materials used in the design industry to develop concepts and communicate ideas. Students will prepare a design portfolio. Repeatable = 3 times (GC)
- ID-153 History of Decorative Arts**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ART-153
Accepted For Credit: CSU
- Students study furniture construction, styles, and periods in conjunction with the architecture and related decorative arts of each era from ancient times to the present. This course includes a brief political, religious, and cultural history which significantly influenced these arts. (GC)
- ID-154 Contemporary Home Design**
2.30 hrs lecture
Units: 2.00
Cross-referenced Course: ART-154
Accepted For Credit: CSU
- Students will study the architectural history of home design and learn practical applications of information relating to design, construction methods, and economic practices. (GC)
- ID-155A Architectural Drafting for Interior Design**
2.30 hrs lecture, 4.50 hrs lab
Units: 3.00
Cross-referenced Course: ART-155A
Advisory: Concurrent with ART/ID/GA-163
Accepted For Credit: CSU
- This course will introduce basic drafting techniques as related to architectural working drawings for interior design. Construction materials and procedures will be presented. Repeatable = 3 times (GC)
- ID-155B CAD for Interior Design**
2.30 hrs lecture, 8.40 hrs lab
Units: 3.00
Cross-referenced Course: ART-155B
Prerequisite: ART/ID/-155A or equivalent
Accepted For Credit: CSU
- This course focuses on the fundamentals of computer-aided drafting as related to interior design and architectural drawings through understanding concepts rather than memorizing commands. Drawing skills are learned and developed by applying these concepts to solve practical laboratory problems. Repeatable = 3 times (GC)
- ID-156 Architectural Modelmaking for Interior Design**
2.30 hrs lecture, 4.50 hrs lab
Units: 3.00
Cross-referenced Course: ART-156
Accepted For Credit: CSU
- Scale models will be developed in this class for presenting and studying architectural and interior design. A wide range of materials and processes will be explored. Repeatable = 3 times (GC)
- ID-157 Professional Practice for Interior Design**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ART-157
- This class introduces basic business practices for interior designers. It also includes an overview of career paths, business planning and organization, professional associations, marketing, sales, wholesale resource development, contractual obligations, and ethics. It is designed for people preparing to enter the field of interior design. (GC)
- ID-158 Textiles**
2.30 hrs lecture, 4.50 hrs lab
Units: 3.00
Cross-referenced Course: ART-158
Accepted For Credit: CSU
- Students in this course will study the physical and chemical properties of fibers, fabrication systems for yarns and fabrics, the technology of fabric dyes, and decorative processes and finishes. The application of these principles to interior furnishings and appointments are an integral part of the laboratory experience for this course, and provide practical applications for students of interior design. (GC)
- ID-159A Applied Design: Residential Lighting**
1.20 hrs lecture
Units: 1.00
Cross-referenced Course: ART-159A
Accepted For Credit: CSU
- This seminar will present an overview of basic considerations necessary to plan, choose, and place lighting fixtures through a home to help define space, articulate atmosphere, direct attention, and facilitate activities. Repeatable = 3 times (GC)
- ID-159B Applied Design: Color for the Home**
1.20 hrs lecture
Units: 1.00
Cross-referenced Course: ART-159B
Accepted For Credit: CSU
- This seminar will explore various approaches that may be followed to arrive at color schemes that are satisfying, comfortable, and exciting. Repeatable = 3 times (GC)
- ID-163 Digital Arts Lab-Macintosh**
1.80 hrs lab
Units: 0.50
Cross-referenced Course: ART-163, GA-163
- This course is a lab component for all courses taught on the Macintosh and on drafting equipment in these areas: Art, Graphic Arts/Computer Graphics, Photography, and Interior Design. Students will produce digital graphic and drafting projects for art related classes. Repeatable = 3 times (CR)

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INTERPRETER TRAINING

Division: Deaf Studies and Special Services

- INT-101** **Interpreting As a Career**
1.20 hrs lecture
Units: 1.00
Accepted For Credit: CSU
This course gives students general information about the field of interpreting. Topics include history, definitions of interpreting, modes and methods, the need for interpreting, code of ethics, interpreting settings, and evaluation and certification of interpreters. (GC)
- INT-106** **ASL Discourse**
3.40 hrs lecture
Units: 3.00
Prerequisite: Acceptance into the IPP
Corequisite: INT-107, INT-110, INT-112, INT-115
This course introduces students to signing beyond the conversational level. Students are exposed to signed situations of complexity and diversity to improve both receptive and expressive skills. Receptive skill development focuses on increased comprehension of a variety of signing styles. Expressive skill development focuses on improved clarity, fluency, and speed. Repeatable = 1 time (GR)
- INT-107** **Interpreter Orientation**
3.40 hrs lecture
Units: 3.00
Prerequisite: Acceptance into the IPP
Corequisite: INT-106, INT-110, INT-112, INT-115
This course provides students with a working knowledge of the interpreting profession and examines basic principles and practices of interpreting. Through class discussion and structured activities, students will examine their values, attitudes, experiences, strengths, weaknesses, and interpersonal skills and how these affect themselves, their clients, and their role as professional interpreters. Repeatable = 1 time (GR)
- INT-110** **ASL-Eng/Eng-ASL Translation**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Prerequisite: Acceptance into the IPP
Corequisite: INT-106, INT-107, INT-112, INT-115
This course is designed to familiarize students with the process of analyzing ASL and English texts. Translation theory and transcription codes will be addressed. Students will generate translations of texts with factors such as genre, audience, and context. Repeatable = 1 time (GR)
- INT-112** **Applied Linguistics for Interpreters**
3.40 hrs lecture
Units: 3.00
Prerequisite: Acceptance into IPP
This course is designed for first year Interpreting Program students. The syntactic structures of ASL are reviewed, followed by an in-depth study of English syntax as it relates to semantics and interpreting. Repeatable = 1 time (GR)
- INT-115** **Interpreting Preparation Skills**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Prerequisite: Acceptance into the IPP
Corequisite: INT-106, INT-107, INT-110, INT-112
This course provides the theoretical basis for interpretation. The interpreting process is broken down into process parts, isolated, and then practiced. Skills include memory, discrimination, cloze, text analysis, and information mapping. Expressive fingerspelling is also practiced. Repeatable = 1 time (GR)
- INT-120** **Consecutive Interpreting: English/ASL**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Completion of first semester of IPP courses with grade of C or better
Corequisite: INT-121 and INT-145
This course is designed to give IPP students exposure to and experience with processed interpreting theory as it relates to consecutive interpreting. The target language is American Sign Language. Discussion includes interpreting theory, discourse analysis, and grammatical structures of ASL. Repeatable = 1 time (GR)
- INT-121** **Consecutive Interpreting: ASL/English**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Completion of first semester IPP courses with a C or better
Corequisite: INT-120 and INT-145
This course is designed to give IPP students theoretical and practical experience in monologic and dialogic consecutive interpreting. The target language is standard spoken English. Interpreter miscues will be discussed. Repeatable = 1 time (GR)
- INT-145** **Practicum: Deaf Mentorship**
18.10 hrs lab
Units: 5.00
Prerequisite: Completion of first semester IPP courses with grade of C or better
Corequisite: INT-120 and INT-121
This course is designed to provide IPP student's exposure to Deaf adults and the role of the interpreter in a variety of settings. Students may be provided the opportunity to do some low-risk interpreting. A weekly seminar is included for group discussion of practicum experience. Repeatable = 1 time (GR)
- INT-160** **Simultaneous Interpreting: Eng/ASL**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Completion of first year IPP courses with grade C or better
Corequisite: INT-161, INT-173, INT-175
This course is designed to give IPP students theoretical and practical experience in simultaneous interpreting. The target language is ASL. Skill focus includes developing dual task capabilities, whole language processing, discourse analysis, lag time, fluency, and sign clarity. Repeatable = 1 time (GR)
- INT-161** **Simultaneous Interpreting: ASL/Eng**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Completion of first year IPP courses with grade of C or better
Corequisite: INT-160, INT-173, INT-175
This course is designed to expose IPP students to theoretical and practical experience in simultaneous interpreting. The target language is standard spoken English. Emphasis is on English grammatical structure, process time, vocal inflection, voice clarity, and monitoring. Clarification and correction techniques will be practiced. Repeatable = 1 time (GR)
- INT-173** **Interpretation in Specialized Settings**
3.40 hrs lecture
Units: 3.00
Prerequisite: Completion of first year IPP courses with grade of C or better
Corequisite: INT-160,161,175
This course examines the various work settings of interpreters. Discussion and role play format this course. Telephone, educational, medical, mental health, platform and conference, community, and religious interpreting are covered. This course is taught in ASL only. Repeatable = 1 time (GR)

- INT-175 Specialized Interpreting Technique**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Prerequisite: Completion of first year IPP courses with grade of C or better
Corequisite: INT-160, INT-161, INT-173
This course is designed to give students the background, exposure, and strategies necessary when interpreting for specialized populations, i.e., foreign-born, deaf-blind, and oral Deaf adults. Specialized techniques that are taught included dialogic (interactive) interpreting, team interpreting, and interpreting for media presentation. Interpreting in a multi-cultural world will also be addressed. Repeatable = 1 time (GR)
- INT-180 Ethics/Role/Responsibility**
3.40 hrs lecture
Units: 3.00
Prerequisite: Completion of three semesters of IPP courses with grade of C or better
Corequisite: INT-181 and INT-190
Through lecture, discussion, and role play this course will define ethics related terms, discuss values in American society, and those values that underlie the code of ethics of the Registry of Interpreters for the Deaf (RID). Further clarification of interpreter role, professional behavior, the business of interpreting, RID Certification, and professional liability will be included. This course is taught in ASL only. Repeatable = 1 time (GR)
- INT-181 Transliteration**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Completion of three semesters of IPP courses with grade of C or better
Corequisite: INT-180 and INT-190
This course will discuss transliteration theory and application. IPP students will develop the skills required to accurately interpret a spoken message into signed English and a signed English message into standard spoken English. The areas of concentration are facial grammar, mouth movement, fingerspelling, and monitoring for complete thoughts through the use of juncture and vocal/body inflection. Repeatable = 1 time (GR)
- INT-190 Interpreting Internship**
18.10 hrs lab
Units: 5.00
Prerequisite: Completion of three semesters of IPP courses with grade C or better
Corequisite: INT-180 and INT-181
This course is designed to give IPP students a concentrated field experience in interpreting. Students will spend 200 hours working in several facilities providing interpreting services to Deaf individuals. Students will have on-site, RID-certified interpreters as their supervisors. A weekly seminar with the instructor will focus on interpreting issues and fieldwork experiences. Repeatable = 1 time (GR)
- INT-191A ASL Interpreting Workshops**
1.20 hrs lecture
Units: 1.00
Prerequisite: Working interpreter experience and 4 semesters of ASL
This course is a workshop for working interpreters covering selected topics in the field of sign language interpreting. The theme and content of each workshop varies and is determined by the faculty. Not applicable to associate degree. Repeatable = 3 times (CR)
- INT-191B ASL Interpreting Workshops**
2.30 hrs lecture
Units: 2.00
Prerequisite: Working interpreter experience 4 semesters of ASL
This course is a workshop for working interpreters covering selected topics in the field of sign language interpreting. The theme and content of each workshop varies and is determined by the faculty. Not applicable to associate degree. Repeatable = 3 times (CR)
- INT-191C ASL Interpreting Workshops**
3.40 hrs lecture
Units: 3.00
Prerequisite: Working interpreter experience; 4 semesters of ASL
This course is a workshop for working interpreters covering selected topics in the field of sign language interpreting. The theme and content of each workshop varies and is determined by the faculty. Not applicable to associate degree. Repeatable = 3 times (CR)
- INT-195A1 Work Experience Education - Vocational**
4.70 hrs lab
Units: 1.00
Advisory: Refer to Work Experience Education department notes
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC) (GC)
- INT-195A2 Work Experience Education - Vocational**
9.40 hrs lab
Units: 2.00
Advisory: Refer to Work Experience Education department notes
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC) (GC)
- INT-195A3 Work Experience Education - Vocational**
14.10 hrs lab
Units: 3.00
Advisory: Refer to Work Experience Education department notes
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC) (GC)
- INT-195A4 Work Experience Education - Vocational**
18.80 hrs lab
Units: 4.00
Advisory: Refer to Work Experience Education department notes
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC) (GC)
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- ## ITALIAN
- Division: Language Arts, Library, and Social Sciences
- ITAL-101A Elementary Italian**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is an introduction to the speaking, reading, and writing of Italian and includes fundamentals of grammar. (GR)
- ITAL-101B Elementary Italian**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is a continuation of ITAL-101A. It covers fundamentals of Italian grammar in addition to reading, writing, and speaking the language. It also includes studies of Italian culture. (GR)
- ITAL-121A Beginning Conversational Italian**
3.40 hrs lecture
Units: 3.00
This course teaches essentials in Italian conversation leading to the development of oral use of the Italian language in everyday situations. The student will experience extensive oral practice of the language as well as essential grammatical fundamentals. (GC)

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JAPANESE

Division: Language Arts, Library, and Social Sciences

- JPNS-101A Elementary Japanese**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
Introduction to speaking, understanding, reading, and writing Japanese. A communicative approach to the acquisition of the language with emphasis on the appreciation of the culture. (GR)
- JPNS-101B Elementary Japanese**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Prerequisite: JPNS-101A or equivalent
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is a continuation of speaking, understanding, reading, and writing Japanese. A communicative approach to the acquisition of the language with emphasis on the appreciation of the culture. (GR)
- JPNS-102A Intermediate Japanese**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Prerequisite: JPNS-101B
Accepted For Credit: CSU and UC
This course is a continuation of JPNS-101B with emphasis on the four areas of listening, speaking, reading, and writing in Japanese, as well as the study of Japanese culture with greater depth. (GR)
- JPNS-102B Intermediate Japanese**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Prerequisite: JPNS-102A
Accepted For Credit: CSU and UC
This course is a continuation of JPNS-102A with emphasis on the four areas of listening, speaking, reading, and writing in Japanese, as well as the study of Japanese culture with greater depth. (GR)
- JPNS-110 Japanese Culture, Manner, and Conversation**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU
This course is an introduction to culture, manner, and conversation necessary to interact with Japanese on a social and business basis. Limited conversational skills will be introduced. (GC)
- JPNS-120A Beginning Conversational Japanese**
3.40 hrs lecture
Units: 3.00
This course is designed to enable students to immediately use the language in everyday situations. The course will focus on teaching students the language they need for communication with Japanese speakers. Japanese customs and manners are also introduced. Repeatable = 2 times (GC)

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JOURNALISM

Division: Language Arts, Library, and Social Sciences

- JOUR-101A Newswriting**
3.40 hrs lecture
Units: 3.00
Prerequisite: ENGL-101A with grade of C or better
Accepted For Credit: CSU and UC
This course trains students in newswriting techniques, interviewing, feature writing, ethics, and legal responsibilities. Online and broadcasting newswriting techniques are included. (GR) (CAN JOUR 2)
- JOUR-106 Censorship and Literature**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ENGL-106
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This literature course focuses on the issues of censorship and obscenity. Selected works will be closely examined in an attempt to encourage students to formulate their own standards in this controversial area. (GC)
- JOUR-145 Digital Photojournalism**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Cross-referenced Course: ART-145
Advisory: ART-133A or equivalent photographic experience
Accepted For Credit: CSU
This course is designed for students with a career or consumer interest in photography as a communication art. The history, techniques, philosophy, and markets of photojournalism are explored through lectures, discussions, and appropriate photographic assignments. Emphasis is on photography as a complement to printed material. Digital photographic techniques are stressed, using scanners and PhotoShop. (GC)
- JOUR-146 Photography/Graphic Arts Newspaper Staff**
0.60 hrs lecture, 1.80 hrs lab
Units: 1.00
Cross-referenced Course: ART-146
Advisory: ART-106A or ART-133A or equivalent
Accepted For Credit: CSU
Staff members initiate, plan, and complete photographic or graphic art assignments for publication in the campus newspaper and/or magazine. Training emphasizes use of techniques and skills that communicate ideas effectively to a mass media audience. Photographers and artists have access to Macintosh computers, scanners, and PhotoShop for completion of assignments. Students are also introduced to legal and ethical responsibilities (JOUR/ART-148 is limited to editors) Repeatable = 3 times to a maximum of 9 units (GC)
- JOUR-147 Photography/Graphic Arts Newspaper Staff**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Cross-referenced Course: ART-147
Advisory: ART-106A or ART-133A or equivalent
Accepted For Credit: CSU
Staff members initiate, plan and complete photographic or graphic art assignments for publication in the campus newspaper and/or magazine. Training emphasizes use of techniques and skills that communicate ideas effectively to a mass media audience. Photographers and artists have access to Macintosh computers, scanners and PhotoShop for completion of assignments. Students are also introduced to legal and ethical responsibilities (JOUR/ART-148 is limited to editors). Repeatable = 3 times to a maximum of 9 units (GC)

JOUR-148 Photography/Graphic Arts Newspaper Staff

1.20 hrs lecture, 6.80 hrs lab
Units: 3.00

Cross-referenced Course: ART-148

Advisory: ART-106A or ART-133A or equivalent

Accepted For Credit: CSU

Staff members initiate, plan, and complete photographic or graphic art assignments for publication in the campus newspaper and/or magazine. Training emphasizes use of techniques and skills that communicate ideas effectively to a mass media audience. Photographers and artists have access to Macintosh computers, scanners, and PhotoShop for completion of assignments. Students are also introduced to legal and ethical responsibilities (JOUR/ART-148 is limited to editors). Repeatable = 3 times to a maximum of 9 units (GC)

JOUR-155 Mass Media and Society

3.40 hrs lecture

Units: 3.00

Cross-referenced Course: BRDC-155

Advisory: Eligible for ENGL-151B and ENGL-163

Accepted For Credit: CSU and UC

This course teaches the basics of how mass media work—who is saying what to whom, through which channel, and why. Since we all consume mass communication, the course aims at a greater understanding of the communication process. It is useful for both communication majors and for the general consumer. Field trips and guest speakers are arranged. (GC) (CAN JOUR 4)

JOUR-170 Newspaper Writing and Editing Staff

0.60 hrs lecture, 1.80 hrs lab

Units: 1.00

Advisory: Completion of, or concurrent enrollment in, JOUR-101A.

Accepted For Credit: CSU

Staff members gather information, write, and edit stories for publication in the campus newspaper, the Monitor. They also write columns and editorials. Working as a team, the staff plans and designs each issue. JOUR-170 students are expected to contribute one story per issue. Repeatable = 3 times to a maximum of 9 units for JOUR-170-172 (GR)

JOUR-171 Newspaper Writing and Editing Staff

1.20 hrs lecture, 3.40 hrs lab

Units: 2.00

Advisory: Completion of, or concurrent enrollment in, JOUR-101A.

Accepted For Credit: CSU

Staff members gather information, write, and edit stories for publication in the campus newspaper, the Monitor. They also write columns and editorials. Working as a team, the staff plans and designs each issue. JOUR-171 students contribute two stories and help with layout. Repeatable = 3 times for a maximum of 9 units for JOUR-170-172 (GR)

JOUR-172 Newspaper Writing and Editing Staff

1.20 hrs lecture, 6.80 hrs lab

Units: 3.00

Advisory: Completion of, or concurrent enrollment in, JOUR-101A.

Accepted For Credit: CSU

Staff members gather information, write, and edit stories for publication in the campus newspaper, the Monitor. They also write columns and editorials. Working as team, the staff plans and designs each issue. JOUR-172 students are usually editors and senior writers. Repeatable = 3 times to a maximum of 9 units for JOUR-170-172 (GR)

JOUR-173 Magazine Writing and Editing Staff

0.60 hrs lecture, 1.80 hrs lab

Units: 1.00

Advisory: Eligible for ENGL-151B

Accepted For Credit: CSU

This course offers students practical experience in preparing feature, informative, and/or literary materials for the student magazine. They also plan and design the publication and conduct an annual literary-art contest. JOUR-173 is for specialized writers. Repeatable = 3 times to a maximum of 9 units for JOUR-173-175 (GR)

JOUR-174 Magazine Writing and Editing Staff

1.20 hrs lecture, 3.40 hrs lab

Units: 2.00

Advisory: Eligible for ENGL-151B

Accepted For Credit: CSU

This course offers students practical experience in preparing feature, informative, and/or literary materials for the student magazine. They also plan and design the publication and conduct an annual literary-art contest. JOUR-174 is for writers. Repeatable = 3 times to a maximum of 9 units for JOUR-173-175 (GR)

JOUR-175 Magazine Writing and Editing Staff

1.20 hrs lecture, 6.80 hrs lab

Units: 3.00

Advisory: Eligible for ENGL-151B

Accepted For Credit: CSU

This course offers students practical experience in preparing feature, informative, and/or literary materials for the student magazine. They also plan and design the publication and conduct an annual literary-art contest. JOUR-175 is limited to editors. Repeatable = 3 times to a maximum of 9 units for JOUR-173-175 (GR)

JOUR-176 Advertising Staff

0.60 hrs lecture, 1.80 hrs lab

Units: 1.00

Advisory: BA-129 and/or ART/GA-109B

Accepted For Credit: CSU

This course offers practical experience in advertising production related to the student newspaper, magazine, and special college projects. Staff members' sell, design, and paste-up ads, maintain regular accounts, and solicit new advertisers. Repeatable = 3 times to a maximum of 9 units for JOUR-176-178 (GR)

JOUR-177 Advertising Staff

1.20 hrs lecture, 3.40 hrs lab

Units: 2.00

Advisory: BA-129 and/or ART/GA-109B

Accepted For Credit: CSU

This course offers practical experience in advertising production related to the student newspaper, magazine, and special college projects. Staff members' sell, design, and paste-up ads, maintain regular accounts, and solicit new advertisers. Repeatable = 3 times to a maximum of 9 units for JOUR-176-178 (GR)



Photo courtesy of College Relations

JOUR-178 Advertising Staff
 1.20 hrs lecture, 6.80 hrs lab
 Units: 3.00
 Advisory: BA-129 and/or ART/GA-109B
 Accepted For Credit: CSU
 This course offers practical experience in advertising production related to the student newspaper, magazine, and special college projects. Staff members' sell, design, and paste-up ads, maintain regular accounts, and solicit new advertisers. Repeatable = 3 times to a maximum of 9 units for JOUR-176-178 (GR)

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LEARNING SKILLS PROGRAM

Division: Deaf Studies and Special Services

LSP-101 Learning Skills: Reading and Writing
 3.40 hrs lecture
 Units: 3.00
 This course assists Learning Disabled students in developing skills for the successful completion of English and Reading courses. Focus is on creating a more thorough understanding of grammatical concepts and reading attack skills. Compensatory techniques will be taught with an emphasis on multi-modal learning. Not applicable to associate degree. Repeatable = 5 times (GR)

LSP-102 Learning Skills: Quantitative Reasoning
 3.40 hrs lecture
 Units: 3.00
 This course assists Learning Disabled students in developing skills for the successful completion of math courses. Focus is on creating a more thorough understanding of math concepts through practice and multi-modal learning. Not applicable to associate degree. Repeatable = 5 times (GR)

LSP-365 Supervised Tutoring
 6.80 hrs lab
 Units: 0.00
 Prerequisite: Instructor or counselor referral
 This course provides students with individualized tutoring. It assists students to develop a learning methodology in a subject. It includes diagnosis and consultation with tutorial coordinator and supervised tutoring by part-time instructional aides and/or student tutors. Not applicable to associate degree. Repeatable = 3 times (NG)

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LIBRARY SCIENCE

Division: Language Arts, Library, and Social Sciences

LS-101 Steps to Successful Research
 1.20 hrs lecture
 Units: 1.00
 Advisory: Eligible for ENGL-151B and ENGL-163
 Accepted For Credit: CSU and UC
 This course introduces students to the research process. Students choose a topic, design a research strategy, find and evaluate print and non-print sources relating to their topic, and create an annotated bibliography as a final project. Students need access to a computer and will need to make two library visits. (CR)

LS-151 Internet for Research
 0.60 hrs lecture
 Units: 0.50
 Cross-referenced Course: CS-151
 Advisory: CAOT-153 or equivalent
 Accepted For Credit: CSU
 This course is normally offered in a short-term format. This course presents instruction in the use of the Internet as an alternate to traditional college-level learning resources. It will teach skills and strategies for finding and retrieving information on the Internet. (CR)

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MATHEMATICS

Division: Math, Science, and Technology

MATH-101A Calculus with Analytic Geometry
 5.70 hrs lecture
 Units: 5.00
 Prerequisite: MATH-188 with C or better or equivalent
 Accepted For Credit: CSU and UC
 This course includes review of functions and graphs, elements of analytic geometry, limits, continuity, differentiation of algebraic, trigonometric, logarithmic, exponential, and inverse trigonometric functions, applications of the derivative, and introduction to integration and some applications of the definite integral. (GR) (CAN MATH 18 or MATH-101A + MATH-101B = CAN MATH SEQ B or MATH-101A + MATH-101B + MATH-101C = CAN MATH SEQ C)

MATH-101B Calculus with Analytic Geometry
 5.70 hrs lecture
 Units: 5.00
 Prerequisite: MATH-101A with a C or better or equivalent
 Accepted For Credit: CSU and UC
 This course includes techniques of integration, related applications, hyperbolic functions, infinite series, an advanced treatment of conics, parametric equations, and polar coordinates. (GR) (CAN MATH 20 or MATH-101A + MATH-101B = CAN MATH SEQ B or MATH-101A + MATH-101B + MATH-101C = CAN MATH SEQ C)

MATH-101C Calculus with Analytic Geometry
 5.70 hrs lecture
 Units: 5.00
 Prerequisite: MATH-101B with C or better or equivalent
 Accepted For Credit: CSU and UC
 This course includes vector analysis, functions of several variables, partial derivatives, multiple integration, integration of vector valued functions, and applications. (GR) (CAN MATH 22 OR MATH-101A + MATH-101B + MATH-101C = CAN MATH SEQ C)

MATH-103 Introduction to Linear Algebra
 3.40 hrs lecture
 Units: 3.00
 Prerequisite: MATH-101B
 Accepted For Credit: CSU and UC
 This course includes an introduction to linear algebra including vector spaces, matrices, determinants, linear transformations, eigenvectors, techniques of solving systems of equations, and applications. (GR) (CAN MATH 26)

- MATH-104 Differential Equations**
5.70 hrs lecture
Units: 5.00
Prerequisite: MATH-101B with C or better
Advisory: MATH-103, MATH-101C
Accepted For Credit: CSU and UC
This course includes the study of the traditional topics in ordinary differential equations as well as series solutions, Laplace transforms, systems of equations, numerical methods, and selected applications. (GR) (CAN MATH 24)
- MATH-110 Introduction to Mathematical Software**
0.60 hrs lecture, 1.80 hrs lab
Units: 0.50
Advisory: Eligible for MATH-101A
This course provides an introduction to computer algebra software (CAS). Topics will include two and three dimensional graphing, algebra and calculus operations, and programming. This course is normally offered in a 9-week format. Repeatable = 1 time (CR)
- MATH-151 Algebra I**
5.70 hrs lecture
Units: 5.00
Prerequisite: MATH-190 with grade of C or better or equivalent or placement evaluation
This course includes the study of operations using signed numbers, operations on algebraic expressions, factoring, exponents, rational and radical expressions, linear equations and inequalities, applications, graphs, and an introduction to systems of equations. (GR)
- MATH-151A Algebra I (Part 1)**
3.40 hrs lecture
Units: 2.50
Advisory: MATH-190 with grade of C or better or equivalent or placement evaluation.
This course includes the study of operations using signed numbers, equations and inequalities, graphs, and an introduction to systems of equations. It emphasizes problem-solving skills. (GR)
- MATH-151B Algebra I (Part 2)**
3.40 hrs lecture
Units: 2.50
Prerequisite: MATH-151A with grade of C or better or equivalent or placement evaluation
This course includes exponents, polynomials, factoring, rational and radical expressions, and applications. (GR)
- MATH-152 Algebra II**
5.70 hrs lecture
Units: 5.00
Prerequisite: MATH-151 or MATH-151A and MATH-151B with a grade of C or better or equivalent or placement evaluation
This course includes the study of systems of equations, relations, functions and their graphs, conic sections, exponential and logarithmic functions, arithmetic and geometric progressions, and the binomial theorem. (GR)
- MATH-152A Algebra II (Part 1)**
3.40 hrs lecture
Units: 2.50
Prerequisite: MATH-151 or MATH-151A and MATH-151B with a grade of C or better or equivalent or placement evaluation
This course includes the study of relations, functions and their graphs, systems of linear equations, exponential and logarithmic functions, the binomial expansion, and summation notation. (GR)
- MATH-152B Algebra II (Part 2)**
3.40 hrs lecture
Units: 2.50
Prerequisite: MATH-152A with a grade of C or better or equivalent or placement evaluation
This course includes the study of rational and radical expressions and equations, complex numbers, quadratic equations and inequalities, conic sections, and arithmetic and geometric sequences and series. (GR)
- MATH-153 Intermediate Algebra**
3.40 hrs lecture
Units: 3.00
Prerequisite: MATH-151 or MATH-151A and MATH-151B with a grade of C or better or equivalent or placement evaluation
This course includes the study of systems of linear equations, quadratic equations, relations and functions and their graphs, parabolas, exponential and logarithmic functions, and sigma notation. (GR)
- MATH-155 Math for the Associate Degree**
3.40 hrs lecture
Units: 3.00
Prerequisite: MATH-151 or placement
This course meets the minimum general education mathematics requirement. It uses the concepts of beginning algebra (Algebra I), problem solving skills, and analytical thinking to investigate areas such as consumer concerns, recreational math, probability, math in sports, statistics, geometry, trigonometry, and math in the work place. (GR)
- MATH-156 Math for Liberal Arts**
3.40 hrs lecture
Units: 3.00
Prerequisite: MATH-152 or MATH-153 with grade of C or better or equivalent or placement evaluation
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course is designed for liberal arts and education students and uses the concepts learned in Intermediate Algebra. It is a survey course of college mathematics with emphasis placed on the nature of mathematics, problem solving, and thinking patterns. Topics covered will be selected from the areas of sets and logic, methods of proof, elements of probability and statistics, geometry, systems of numeration, math of finance, basic trigonometry and calculus, math history, and linear programming. (GC) (CAN MATH 2)
- MATH-159 Elements of Statistics and Probability**
5.70 hrs lecture
Units: 5.00
Prerequisite: MATH-152 or MATH-153 with grade of C or better or equivalent or placement evaluation
Advisory: Completion of ENGL-163 or equivalent
Accepted For Credit: CSU and UC
This course examines the elements of probability, binomial and normal distributions, measures of location, measures of variation, hypothesis testing, point and interval estimation, small sample tests, linear correlation, statistical tables, and use of technology for developing statistical theory and applications. (GR) (CAN STAT 2)
- MATH-160 Number Systems**
3.40 hrs lecture
Units: 3.00
Prerequisite: MATH-152 or 153 with grade or C or better
Accepted For Credit: CSU and UC
This is a survey course intended primarily for education majors planning to teach in the primary grades. Coverage includes various number systems, set theory, logic, mathematical reasoning, and an introduction to probability and statistics. There will be an emphasis on critical thinking, problem-solving, and the use of technology. (GR)

- MATH-163 Discrete Mathematics for Computers**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: CS-113
Prerequisite: MATH-188 or equivalent
Advisory: MATH-101A and MATH-101B
Accepted For Credit: CSU and UC
This course is designed for majors in mathematics and computer science. It is the first course for students in discrete mathematics. A main goal of this course is to teach students to think abstractly. This requires that students learn to use logically valid different methods of proof including mathematical induction. Topics include logic, proofs, sets, relations, recurrence relations, graphs, trees, and combinatorics. Applications include Boolean Algebra, logic circuits, O-Notation, and Automata. (GC)
- MATH-166 Finite Mathematics**
4.50 hrs lecture
Units: 4.00
Prerequisite: MATH-152 or equivalent with grade of C or better
Accepted For Credit: CSU and UC
This course includes the core concepts of set theory, systems of linear equations and inequalities, linear programming, matrices, math of finance, with applications to business and social sciences, and an introduction to probability and decision making. (GR) (CAN MATH 12)
- MATH-167 Calculus for Business and Social Science**
5.70 hrs lecture
Units: 5.00
Prerequisite: MATH-152 or equivalent with grade of C or better
Accepted For Credit: CSU and UC
This course includes the concepts of relations, algebraic, exponential and logarithmic functions, differential and integral calculus, functions of several variables and partial derivatives, with applications to business, finance, and the social sciences. (GR) (CAN MATH 34)
- MATH-181 Trigonometry**
3.40 hrs lecture
Units: 3.00
Prerequisite: MATH-152 with grade of C or better or equivalent or placement evaluation
Accepted For Credit: CSU
This course investigates graphing, theory, and the applications of trigonometric functions. (GR) (CAN MATH 8)
- MATH-188 Pre-Calculus**
5.70 hrs lecture
Units: 5.00
Prerequisite: MATH-181 with C or better or equivalent
Accepted For Credit: CSU and UC
This course is a review of the topics necessary for Calculus. The course includes the theory and graphing of elementary, exponential and logarithmic functions; a review of trigonometry; systems of linear and quadratic equations; and an introduction to sequences and series. (GR) (CAN MATH 16)
- MATH-190 Basic Mathematics**
3.40 hrs lecture
Units: 3.00
This course includes a study of the arithmetic of whole numbers, fractions, and decimals; applications of arithmetic-ratios, percents, word problems, and the U.S. and Metric Systems of measurement; and an introduction to algebra and geometry. Not applicable to associate degree. (GR)
- MATH-190A Basic Mathematics (Self-Paced)**
1.20 hrs lecture
Units: 1.00
This self-paced course covers the arithmetic of whole numbers, fractions, and decimals. Completion of MATH-190A, MATH-190B, and MATH-190C is equivalent to MATH-190. Not applicable to associate degree. (GR)

- MATH-190B Basic Mathematics (Self-Paced)**
1.20 hrs lecture
Units: 1.00
Advisory: Completion of MATH-190A
This self-paced course covers ratios, proportions, percents, the U.S. Customary and metric systems of measurement, statistical graphs, and measurements of central tendency. Completion of MATH-190A, MATH-190B, and MATH-190C is equivalent to MATH-190. Not applicable to associate degree. (GR)
- MATH-190C Basic Mathematics (Self-Paced)**
1.20 hrs lecture
Units: 1.00
Advisory: Completion of MATH-190A and MATH-190B
This self-paced course covers introductory concepts from algebra and geometry. Completion of MATH-190A, MATH-190B, and MATH-190C is equivalent to MATH-190. Completion of MATH-190C can be used as the prerequisite of MATH-151 or MATH-151A/MATH-151B (Algebra I). Not applicable to associate degree. (GR)
- MATH-196 Geometry**
3.40 hrs lecture
Units: 3.00
Prerequisite: MATH-151 or equivalent
Students will study geometric concepts, deductive proofs, and logical arguments, and develop skills to solve problems and construct proofs. The topics include lines, angles, circles, triangles, parallelism, similarity, congruency, areas, volumes, and logic. (GR)
- MATH-199 Success in Math**
0.60 hrs lecture
Units: 0.50
Corequisite: Enrollment in any course with math content.
Advisory: Concurrent enrollment in MATH-190, 151, 151A, 151B, 152, 152A, 152B, or 153
This course is designed to assist students in learning mathematics through the development of successful study skills and exam taking methods. Students will also be provided with skills necessary to overcome any math anxieties they may have. This course addresses learning styles, reading math textbooks, completing homework assignments and taking notes. Not applicable to associate degree. Repeatable = 2 times (CR)
- MATH-365 Supervised Tutoring**
6.80 hrs lab
Units: 0.00
Prerequisite: Instructor or counselor referral
This course provides students with individualized tutoring. It assists students to develop a learning methodology in a subject. It includes diagnosis and consultation with tutorial coordinator and supervised tutoring by part-time instructional aides and/or student tutors. Repeatable = 3 times (NG)

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MULTIMEDIA

Division: Fine Arts, Business, and Broadcasting

- MM-102A Multimedia I**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Prerequisite: CS-101 or equivalent
Advisory: CS-102 or CS-104A or CS/ART/BA/GA-160A
Accepted For Credit: CSU
This course is designed to introduce students to computer-based multimedia. Students will plan and develop their own applications which will use custom sounds, graphics, and user interaction. Instructional design principles will be used in the planning process. Repeatable = 1 time (GC)

- MM-102B Multimedia II**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Prerequisite: MM-102A or equivalent
Accepted For Credit: CSU
This course covers the skills necessary to use digital video, sound, animations, graphics, and programming to develop educational courseware. An emphasis will be put on group project development in cooperation with a content expert and an instructional designer. Students' individual strengths will be used in groups to create educational and training models. Repeatable = 2 times (GC)
- MM-103A Introduction to Flash: Animation**
0.30 hrs lecture, 0.90 hrs lab
Units: 0.50
Learn the essential tools in Flash for creating graphics, importing artwork and sound. Learn different techniques to produce animations for the Web and CD-ROM. This course is typically taught in two days. Repeatable = 1 time (GC)
- MM-103B Intermediate Flash: Interactivity**
0.30 hrs lecture, 0.90 hrs lab
Units: 0.50
Prerequisite: MM-103A
Learn different techniques for creating interactive projects, optimizing their performance, and publishing for the Web and CD-ROM. Create interactive controls by dragging and dropping actions to projects. Learn basic ActionScripting. This course is usually taught in two days. Repeatable = 1 time (GC)
- MM-104 Advanced Interactivity in Flash**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: MM-103A or 103B or equivalent
Accepted For Credit: CSU
First, learn how to create interactive Flash Sites for the Web using multiple timelines, nested movies, variables, text fields, and pre-loaders. Then learn ActionScript, the powerful programming language in Flash, to add complex interaction to projects. No prior programming experience is required; however, familiarity with Flash is essential. Repeatable = 2 times (GC)
- MM-105 Web Site Design**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Accepted For Credit: CSU
This course focuses on principles of Web design and navigation such as interface design, good and bad design, color on the World Wide Web, preparing graphics, sound, video, typography, and testing the site. Repeatable = 2 times (GC)
- MM-107 Introduction to Dreamweaver**
0.30 hrs lecture, 0.90 hrs lab
Units: 0.50
This is an introductory course in creating Web pages with Macromedia Dreamweaver. Repeatable = 1 time (GC)
- MM-110 Digital Video**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Advisory: MM-102A
Accepted For Credit: CSU
This course will focus on how to manipulate digital video. Topics will include how to compress, edit, and add special effects to video. We will explore outputting video for various media including the Web and analog formats. Repeatable = 1 time (GC)
- MM-111 Introduction to After Effects**
0.30 hrs lecture, 0.90 hrs lab
Units: 0.50
Students will learn the essential tools for creating motion graphics and visual effects and will effectively produce 2D or 3D visual effects for digital video, multimedia, and the Web. This course is typically taught in two days. Repeatable = 1 time (GC)
- MM-114 Textures for 3D**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: MM-116 or MM-102A
Students will learn different techniques to enhance 3D objects and environments using 3D modeling and 2D paint software. The topics covered are painting textures, manipulating digital images, texture mapping, lighting techniques, camera shots, applying principles of art and design to 3D imagery, and rendering images for multimedia and print. Repeatable = 1 time (GC)
- MM-115 3D Animation**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: CS-101 or equivalent
Accepted For Credit: CSU
This course will focus on the operation of 3D Computer Animation Software. Students will create their own 3D animations and present their work. Repeatable = 3 times (GC)
- MM-116 3D Modeling**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: MM-102A
Accepted For Credit: CSU
Students will learn different techniques to model objects and environments using a 3D modeling software. The topics covered are designing characters, modeling, texture mapping, lighting techniques, camera shots, 3D scene layout, and rendering images for different multimedia applications. Repeatable = 1 time (GC)
- MM-117 Advanced 3D Modeling and Animation**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: MM-115 or MM-116
Accepted For Credit: CSU
Students will learn advanced techniques in modeling and animation using 3D modeling software. The topics include advanced modeling tools, texture mapping, lighting effects, particle systems, camera effects, and advanced animation using inverse kinematics. Repeatable = 1 time (GC)
- MM-118 Introduction to Video Game Design**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Advisory: ENGL-101A
Accepted For Credit: CSU
This class focuses on the process of planning, developing, and creating content for video games. Students will gain an understanding of the video game industry, and they will learn how to design characters, levels, and design documents. (GC)
- MM-119 Video Game Development**
2.30 hrs lecture, 6.80 hrs lab
Units: 3.00
Prerequisite: MM-116 and MM-118
Advisory: MM-114 and MM-115
Accepted For Credit: CSU
This class focuses on producing video games using 3D software and game engines. Students work in a team environment and follow production practices employed in the video game industry. Repeatable = 1 time (GC)
- MM-120 Designing an On-Line Course**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU
This course will focus on how to develop courses for the World Wide Web. We will survey distance learning models and presentation techniques. We will develop evaluation criteria and as a culmination, students will develop and test a module for the World Wide Web. Repeatable = 2 times (GC)

- MM-160 Multimedia Portfolio Development**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: MM-105 or equivalent
Advisory: MM-102B
Accepted For Credit: CSU
This course will focus on the development of student portfolios of their work for presentation on CD-ROM and the World Wide Web. We will review the "cultures" of the multimedia industry, review job rolls and responsibilities, go on field trips, and critique student work. (GC)
- MM-162 XHTML**
2.30 hrs lecture, 6.80 hrs lab
Units: 4.00
Cross-referenced Course: CS-162
Advisory: CS-101 or CS-101L
Students will use XHTML to create multimedia Web pages using hypertext links, tables, frames, forms, cascading style sheets (CSS), JavaScript, and JavaScript objects and events. Other topics include Dynamic Hypertext Markup Language (DHTML) techniques and working with eXtensible Markup Language (XML) and eXtensible Stylesheet Language (XSL). Repeatable = 1 time (GC)
- MM-195A1 Work Experience Education - Vocational**
4.70 hrs lab
Units: 1.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)
- MM-195A2 Work Experience Education - Vocational**
9.40 hrs lab
Units: 2.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)
- MM-195A3 Work Experience Education - Vocational**
14.10 hrs lab
Units: 3.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)
- MM-195A4 Work Experience Education - Vocational**
18.80 hrs lab
Units: 4.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)

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MUSIC

Division: Fine Arts, Business, and Broadcasting

- MUS-100 Survey of the Arts**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ART-100, ID-100, TD-100
Corequisite: MUS-100L
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
In this course theatre, art, and music are explored through discussion, historical review, and contemporary issues. The purpose of this course is to increase students' understanding and enjoyment of the arts. The class is taught by three instructors, one from each area. (GC)
- MUS-100L Survey of the Arts Performance Attendance Lab**
6.00 hrs lab/term
Units: 0.00
Cross-referenced Course: ART-100L, ID-100L, TD-100L
Corequisite: MUS-100
This is a concert, performance, or gallery attendance lab component for Survey of the Arts course requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. (NG)
- MUS-101 Introduction to Music-Western Classical Music**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course examines the study of western classical music as cultural expression. It is designed for students looking for a general survey course in music as well as those who simply want to increase their musical understanding. The course considers listening techniques and fundamental concepts including form, style, musical media, and textures. The subject matter ranges from rondellus to reggae to rock. (GR)
- MUS-101L Introduction to Western Classical Music Performance Attendance Lab**
4.00 hrs lab/term
Units: 0.00
Corequisite: MUS-101
This is a concert performance attendance lab component at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. (NG)
- MUS-102 Music Appreciation**
3.40 hrs lecture, 1.20 hrs lab
Units: 3.00
Corequisite: MUS-102L
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course satisfies the Fine Arts and Cultural Diversity GE requirements for an associate degree. It is an introductory course in music for students without previous formal training in music, listening, or performance. It is designed to provide understanding and enjoyment through informed listening, analysis, and discernment of musical element, forms, and repertoire. The material selected is from all styles, periods, and cultures. (GC)
- MUS-102L Music Appreciation Performance Attendance Lab**
3.00 hrs lab/term
Units: 0.00
Corequisite: MUS-102
This is a concert, performance, or gallery attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. (NG)

- MUS-103 Fundamentals of Music**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU and UC
This is a basic course for students investigating the study of musical notation, keys, scales, chords, along with other elements of basic musicianship. This course is useful in working with children and youth. (GC)
- MUS-103L Fundamentals of Music Performance Attendance Lab**
4.00 hrs lab/term
Units: 0.00
Corequisite: MUS-103
This is a concert performance attendance lab component at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. (NG)
- MUS-104 Music of World Cultures**
3.40 hrs lecture
Units: 3.00
Corequisite: MUS-104L
Accepted For Credit: CSU
A survey of traditional and contemporary music from around the world including, but not limited to: Africa, India, Indonesia, South/Central America, Caribbean, Europe, China, Japan, and the United States. This course will deal with the traditional instruments and ensembles, as well as vocal techniques, and performance practices particular to each region. (GR)
- MUS-104L Music of World Cultures Performance Attendance Lab**
4.00 hrs lab/term
Units: 0.00
Corequisite: MUS-104
This is a concert performance attendance lab component. Selected events offered at the Gary Soren Smith Center for the Fine and Performing Arts may/will satisfy this requirement. (NG)
- MUS-108 Song Writing**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Accepted For Credit: CSU
This course will expose students to the compositional techniques inherent in the process of commercial song writing. Students will learn to write songs, listen to their projects on the computer, edit the songs using standard music sequencing and notational software, compare the outcomes with standard professional compositional criteria, and record the final edited projects. Repeatable = 1 time (GC)
- MUS-110A Music Theory and Harmony**
3.40 hrs lecture
Units: 3.00
Corequisite: MUS-111A, MUS-110L
Accepted For Credit: CSU and UC
This course is a study of notation in major and minor scales, tonality, chord construction, rhythm, and non-harmonic tones. This course serves as an introduction to more advanced study of music theory and harmony. (GR) (CAN MUS 2 or MUS-110A + MUS-110B = CAN MUS SEQ A)
- MUS-110B Harmony**
3.40 hrs lecture
Units: 3.00
Prerequisite: MUS-110A or equivalent
Corequisite: MUS-111B, MUS-110L
Accepted For Credit: CSU and UC
This course includes the study of diatonic harmony in major keys, major and minor triads and inversions, modulation, non-harmonic tones, and secondary dominants. The course includes writing for the piano using the phrase, period, and two- and three-part song form. This course is the second in the four-semester theory sequence. (GR) (CAN MUS 4 or MUS-110A + MUS-110B = CAN MUS SEQ A)
- MUS-110C Advanced Harmony**
3.40 hrs lecture
Units: 3.00
Prerequisite: MUS-110B
Corequisite: MUS-111C, MUS-110L
Accepted For Credit: CSU and UC
This course is a study of chromatic harmony with particular emphasis on the chronological development of harmonic and contrapuntal techniques from the 16th through the 19th centuries. This course is the third in the four-semester theory sequence. (GR)
- MUS-110D Advanced Harmony**
3.40 hrs lecture
Units: 3.00
Prerequisite: MUS-110C
Corequisite: MUS-111D, MUS-110L
Accepted For Credit: CSU and UC
This course is a study of compositional materials and techniques from the late 19th century to the present. This course is the fourth of a four-semester theory sequence. (GR)
- MUS-110L Music Theory and Harmony Performance Attendance Lab**
4.00 hrs lab/term
Units: 0.00
Corequisite: MUS-110A, MUS-110B, MUS-110C, or MUS-110D
This is a concert performance attendance lab component at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)
- MUS-111A Musicianship**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-110A
Accepted For Credit: CSU and UC
This course develops facility in sight singing, ear training, and the ability to take musical dictation. (GR)
- MUS-111B Musicianship**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: MUS-111A or equivalent
Corequisite: MUS-110B
Accepted For Credit: CSU and UC
This course develops facility in sight singing, ear training, and the ability to take musical dictation. (GR)
- MUS-111C Advanced Musicianship**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: MUS-111B or equivalent
Corequisite: MUS-110C
Accepted For Credit: CSU and UC
This course covers sight singing and reading of materials employed in MUS-110C. (GR)
- MUS-111D Advanced Musicianship**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: MUS-111C or equivalent
Corequisite: MUS-110D
Accepted For Credit: CSU and UC
This course covers sight singing and reading of materials employed in MUS-110D. (GR)
- MUS-112A Recording With Pro Tools**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Accepted For Credit: CSU
This course is an introduction to electronic music through lectures and studio experiences with MIDI synthesizers, computer-based sequencing, and tape recording. (GR)

- MUS-112B Pro Tools and MIDI**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: MUS-112A or equivalent
Accepted For Credit: CSU
This is an intermediate electronic music course offering lectures and studio experiences in various electronic music media. Emphasis is on composition of electronic music. Repeatable = 1 time (GR)
- MUS-113 Studio Recording**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Cross-referenced Course: BRDC-132
Accepted For Credit: CSU
This course is an introduction to the recording studio. The course follows the path of audio signals through the microphone, mixer, signal processors, tape recorder, and monitoring stations. The course explores various types of microphones, the functions of mixing boards, the characteristics of signal processors, and recording techniques. (GC)
- MUS-114 Create a CD**
2.30 hrs lecture, 3.40 hrs lab
Units: 2.00
Accepted For Credit: CSU
This course covers post-recording CD creation and offers students a chance to learn and explore audio file editing and mastering, CD burning, Mp3 ripping, and complete jewel box artwork. Audio source material will include CD tracks, Mp3's, and various analogue tape or phono recordings. Artwork will be created using Adobe Photoshop and Discus. Repeatable = 3 times (GC)
- MUS-116 Sound Reinforcement and Live Recording**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: MUS-112A
The lecture component covers basic techniques for live concert sound reinforcement, including basic sound system theory/applications and study of individual sound system component operation (microphones, mixers, effects, power amplifiers, speaker systems). Lab presents field opportunities for students to apply knowledge in concert situations. Repeatable = 1 time (GR)
- MUS-120A History of Trends in Music Literature**
3.40 hrs lecture
Units: 3.00
Corequisite: MUS-120L
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course is a historically oriented study of music in the western world from earliest beginning, through the medieval, Renaissance (Monteverdi), and Baroque (Bach) periods. Music majors required to take course for letter grade only. (GC)
- MUS-120B History of Trends in Music Literature**
3.40 hrs lecture, 1.20 hrs lab
Units: 3.00
Corequisite: MUS-120L
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course is a historically oriented study of music in the western world from the classical period (Mozart-Haydn) through music of the 19th and 20th centuries. Romantic concepts as well as recent compositional techniques of the 20th century are examined. Music majors required to take course for letter grade only. (GC)
- MUS-120L History of Trends in Music Literature Performance Attendance Lab**
4.00 hrs lab/term
Units: 0.00
Corequisite: MUS-120A or MUS-120B
This is a concert performance attendance lab component at selected events offered by the Gary Soren Smith Center for Fine and Performing Arts. Repeatable = 3 times (NG)
- MUS-121 The History of Jazz**
3.40 hrs lecture, 1.20 hrs lab
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This course involves the study of jazz, its historical background, and its development in the world. The course is open to all students. (GC)
- MUS-122 A History of Early Rock and Roll: Music and Culture of the 1950'S**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: HIST-141, IS-142
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course presents a historical overview of the emergence of rock and roll music as a cultural phenomenon in the United States. The major figures of the 1950s—Bill Haley, Fats Domino, Elvis Presley, Chuck Berry, and Little Richard—will be studied as examples of rock and roll music as an American popular cultural form during the mid-twentieth century. (GC)
- MUS-123 History of Rock and Roll Music**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: HIST-142, IS-143
Accepted For Credit: CSU and UC
The development of rock and roll music is studied from the Beatles to Led Zeppelin. Slides, music, and lecture material will analyze the cultural impact of recent rock music. (GC)
- MUS-125 Rock Music Since 1970**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: HIST-143
Advisory: Eligible For ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course looks at the development of popular music and culture since 1970. It will include looks at art rock, disco, new wave, reggae, rap, hip-hop, and related genres. (GR)
- MUS-160A Beginning Class Piano**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-160L
Accepted For Credit: CSU and UC
This course consists of class piano lessons for beginners and students who wish to develop elementary skill at the keyboard. It is required for music majors and recommended for teaching credential applicants. It is also recommended for all students interested in learning the piano for fun. The course fulfills 25% of the performance requirements for the Piano Studies Certificate. (GC)
- MUS-160B Class Piano**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-160L
Advisory: MUS-160A or equivalent
Accepted For Credit: CSU and UC
This course consists of class piano lessons for beginners and students who wish to develop elementary skill at the keyboard. It is required for music majors and recommended for teaching credential applicants. It is also recommended for all students interested in learning the piano for fun. (GC)
- MUS-160C Class Piano**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-160L
Advisory: MUS-160B or equivalent
Accepted For Credit: CSU and UC
This course consists of intermediate level class piano lessons for students who wish to develop skill at the keyboard. It is required for music majors and recommended for teaching credential applicants. It is also recommended for all students interested in learning the piano for fun. (GC)

MUS-160D Class Piano
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-160L
Advisory: MUS-160C or equivalent
Accepted For Credit: CSU and UC

this course consists of intermediate level class piano lessons for students who wish to develop skill at the keyboard. It is required for music majors and recommended for teaching credential applicants. It is also recommended for all students interested in learning the piano for fun. (GR)

MUS-160E Piano Repertoire
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-160L
Advisory: MUS-160D or equivalent
Accepted For Credit: CSU and UC

This course consists of intermediate to advanced level class piano lessons for students who wish to develop skill at the keyboard. It is required for music majors and recommended for teaching credential applicants. It is also recommended for all students interested in learning the piano for fun. (GR)

MUS-160F Piano Repertoire
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-160L
Advisory: MUS-160E or equivalent
Accepted For Credit: CSU and UC

This course consists of intermediate to advanced level class piano lessons for students who wish to develop skill at the keyboard. It is required for music majors and recommended for teaching credential applicants. It is also recommended for all students interested in learning the piano for fun. (GR)

MUS-160L Beginning Class Piano Performance Attendance Lab
4.00 hrs lab/term
Units: 0.00
Corequisite: Any one of MUS-160A-F

This is a concert performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)

MUS-161A Class Guitar
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC

This course is group instruction giving students the opportunity to learn song accompaniment, solo and ensemble experience playing the guitar. The literature represents all stylistic periods. Students must provide their own guitar. (GC)

MUS-161B Class Guitar
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: Demonstrate ability to read music for MUS-161B.
Accepted For Credit: CSU and UC

This course is group instruction giving students the opportunity to learn song accompaniment, solo and ensemble experience playing the guitar. The literature represents all stylistic periods. Students must provide their own guitar. (GC)

MUS-161C Class Guitar
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: Demonstrate ability to read music for MUS-161C.
Accepted For Credit: CSU and UC

This course is group instruction giving students the opportunity to learn song accompaniment, solo and ensemble experience playing the guitar. The literature represents all stylistic periods. Students must provide their own guitar. (GC)

MUS-161D Class Guitar
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: Demonstrate ability to read music for MUS-161D.
Accepted For Credit: CSU and UC

This course is group instruction giving students the opportunity to learn song accompaniment, solo and ensemble experience playing the guitar. The literature represents all stylistic periods. Students must provide their own guitar. (GC)

MUS-161E Class Guitar
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: Demonstrate ability to read music for MUS-161E.
Accepted For Credit: CSU and UC

This course is group instruction giving students the opportunity to learn song accompaniment, solo and ensemble experience playing the guitar. The literature represents all stylistic periods. Students must provide their own guitar. (GC)

MUS-161F Class Guitar
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: Demonstrate ability to read music for MUS-161F.
Accepted For Credit: CSU and UC

This course is group instruction giving students the opportunity to learn song accompaniment, solo and ensemble experience playing the guitar. The literature represents all stylistic periods. Students must provide their own guitar. (GC)

MUS-162A Class Voice-Beginning
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Corequisite: MUS-162L
Advisory: MUS-160A
Accepted For Credit: CSU and UC

This course will offer group instruction in vocal production with emphasis on solo literature. Many common vocal problems will be identified and analyzed through classroom participation and discussion utilizing vocal literature and art songs. (GC)

MUS-162B Class Voice-Beginning
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: MUS-162A
Corequisite: MUS-162L
Advisory: MUS-160A
Accepted For Credit: CSU and UC

This course will offer group instruction in vocal production with emphasis on solo literature. Many common vocal problems will be identified and analyzed through classroom participation and discussion utilizing vocal literature and art songs. (GC)

MUS-162C Class Voice-Intermediate
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Prerequisite: MUS-162B
Corequisite: MUS-166A or MUS-166B; MUS-162L; MUS-166L
Accepted For Credit: CSU and UC

In this course students receive individual instruction in vocal performance with emphasis on solo and small ensemble literature. Students will practice correct tone production, diction, stage presence, and style interpretation. Vocal problems are identified and corrected while students study literature consisting of standard vocal repertoire. (GC)



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- MUS-162D Class Voice-Intermediate**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Prerequisite: MUS-162C
Corequisite: MUS-166B, MUS-162L
Accepted For Credit: CSU and UC
In this course students receive individual instruction in vocal performance with emphasis on solo and small ensemble literature. Students practice correct tone production, diction, stage presence, and style interpretation. Vocal problems are identified and corrected while students study literature consisting of standard vocal repertoire. (GC)
- MUS-162E Vocal Repertoire**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Prerequisite: MUS-162D
Corequisite: MUS-166C, MUS-166L, MUS-162L
Accepted For Credit: CSU and UC
In this course students receive individual instruction in vocal performance with emphasis on solo and small ensemble literature. Students practice in correct tone production, diction, and stage presence. Style interpretation will be stressed in each lesson. Vocal problems are identified and corrected while students study literature consisting of standard vocal repertoire. (GC)
- MUS-162F Vocal Repertoire**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Prerequisite: MUS-162E
Corequisite: MUS-166D, MUS-166L, MUS-162L
Accepted For Credit: CSU and UC
In this course students receive individual instruction in vocal performance with emphasis on solo and small ensemble literature. Students practice in correct tone production, diction, and stage presence. Style interpretation will be stressed in each lesson. Vocal problems are identified and corrected while students study literature consisting of standard vocal repertoire. (GC)
- MUS-162L Beginning Class Voice Performance Attendance Lab**
4.00 hrs lab/term
Units: 0.00
Corequisite: Any one of MUS-162A-F
Attendance at selected events offered by Ohlone College at the Gary Soren Smith Center for the Fine and Performing Arts. Not applicable to associate degree. Repeatable = 5 times (NG)
- MUS-163A Woodwind Instruments (Flute, Saxophone, Clarinet, Oboe, Bassoon)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-woodwind instruments. MUS-163A is open to all students. (GC)
- MUS-163B Woodwind Instruments (Flute, Saxophone, Clarinet, Oboe, Bassoon)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-163A or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-woodwind instruments. (GC)
- MUS-163C Woodwind Instruments (Flute, Saxophone, Clarinet, Oboe, Bassoon)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-163B or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-woodwind instruments. (GC)
- MUS-163D Woodwind Instruments (Flute, Saxophone, Clarinet, Oboe, Bassoon)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-163C or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-woodwind instruments. (GC)
- MUS-164A Brass Instruments (Horn, Trumpet, Trombone, Tuba)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-brass instruments. MUS-164A is open to all students. No experience is necessary. (GC)
- MUS-164B Brass Instruments (Horn, Trumpet, Trombone, Tuba)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-164A or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-brass instruments. (GC)
- MUS-164C Brass Instruments (Horn, Trumpet, Trombone, Tuba)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-164B or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-brass instruments. (GC)
- MUS-164D Brass Instruments (Horn, Trumpet, Trombone, Tuba)**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-164C or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-brass instruments. (GC)
- MUS-165A Percussion Instruments**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-percussion instruments. MUS-165 A is open to all students. No experience is necessary. (GC)
- MUS-165B Percussion Instruments**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-165A or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-percussion instruments. (GC)
- MUS-165C Percussion Instruments**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-165B or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-percussion instruments. (GC)
- MUS-165D Percussion Instruments**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-165C or equivalent
Accepted For Credit: CSU and UC
This course involves class instruction on all orchestral-percussion instruments. (GC)

- MUS-166A Applied Music**
1.20 hrs lecture, 1.20 hrs lab
Units: 1.00
Corequisite: MUS-166L, MUS-162C
Accepted For Credit: CSU and UC
This course involves individual instruction in voice, piano, guitar, or other traditional orchestral instruments. It is expected that students will have, as a minimum, one hour of lecture/recital instruction per week; one hour of supervised practice per week; and one individual lesson with instructor per week. A minimum of twelve lessons per semester must be verified. (GC)
- MUS-166B Applied Music**
1.20 hrs lecture, 1.20 hrs lab
Units: 1.00
Corequisite: MUS-166L
Accepted For Credit: CSU and UC
This course involves individual instruction in voice, piano, guitar, or other traditional orchestral instruments. It is expected that students will have, as a minimum, one hour of lecture/recital instruction per week; one hour of supervised practice per week; and one individual lesson with instructor per week. A minimum of twelve lessons per semester must be verified. (GC)
- MUS-166C Applied Music**
1.20 hrs lecture, 1.20 hrs lab
Units: 1.00
Corequisite: MUS-166L
Accepted For Credit: CSU and UC
This course involves individual instruction in voice, piano, guitar, or other traditional orchestral instruments. It is expected that students will have, as a minimum, one hour of lecture/recital instruction per week; one hour of supervised practice per week; and one individual lesson with instructor per week. A minimum of twelve lessons per semester must be verified. (GC)
- MUS-166D Applied Music**
1.20 hrs lecture, 1.20 hrs lab
Units: 1.00
Corequisite: MUS-166L
Accepted For Credit: CSU and UC
This course involves individual instruction in voice, piano, guitar, or other traditional orchestral instruments. It is expected that students will have, as a minimum, one hour of lecture/recital instruction per week; one hour of supervised practice per week; and one individual lesson with instructor per week. A minimum of twelve lessons per semester must be verified. (GC)
- MUS-166L Applied Music Performance Attendance Lab**
4.00 hrs lab/term
Units: 0.00
Corequisite: MUS-166A, MUS-166B, MUS-166C, or MUS-166D
This is a concert performance attendance lab component at selected events offered by the Gary Soren Smith Center for the Fine and Performing Art. Repeatable = 3 times (NG)
- MUS-169A Jazz Guitar**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: Some playing ability required
Accepted For Credit: CSU and UC
Various aspects of jazz guitar with special emphasis on improvisation and harmony are presented in group instruction. Repeatable = 3 times (GR)
- MUS-169B Blues/Rock Guitar**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Prerequisite: Previous playing experience
Accepted For Credit: CSU and UC
Blues/rock improvisation and accompaniment. Lecture, demonstration, and in-class playing are presented in a group instruction class. Repeatable = 3 times (GR)
- MUS-169C Blues/Rock Guitar 2**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Advisory: MUS-169B
Accepted For Credit: CSU and UC
Advanced blues/rock improvisation and accompaniment. Includes lecture, demonstration, and in-class playing presented in a group class. Repeatable = 3 times (GR)
- MUS-192 Music for Minors: Music Docent Training**
3.00 hrs lecture, 1.80 hrs lab
Units: 3.00
Advisory: Ability to keep beat and sing on pitch
This course provides training to teach the elements of music through active participation in a comprehensive music program for elementary school classrooms. It is required as the basic training for Music for Minors which provides a minimum of 1/2 hour weekly instruction in elementary classrooms for at least one school year. Repeatable = 1 time (GR)
- MUS-350 Community Band**
3.40 hrs lab
Units: 0.50
Prerequisite: Demonstrate ability to read music
Accepted For Credit: CSU and UC
Study and performance of band and chamber music repertoire. Repeatable = 3 times (GR)
- MUS-351 Performance Ensembles**
3.40 hrs lab
Units: 1.00
Prerequisite: Demonstrate ability to read music.
Accepted For Credit: CSU and UC
This course is the study and performance of vocal and/or instrumental ensemble literature, both jazz and classical. Performers participate in small ensembles of varied instrumentation throughout each semester. Attendance at scheduled public performances is required. This course is required of all instrumental music majors each semester of attendance. Repeatable = 3 times (GC)
- MUS-352 Jazz/Rock Combos**
3.40 hrs lab
Units: 1.00
Prerequisite: Ability to read music
Advisory: MUS-103, MUS-110 or equivalent
Accepted For Credit: CSU and UC
This course includes sight-reading, preparation, performance, and recording of various styles of music composed and arranged for standard Jazz, Rock, Jump, Blues, and Latin ensembles. Emphasis on groove playing and feel. Additional emphasis on improvising within the ensemble structure is a goal for each student. Student composition and arranging is encouraged. Repeatable = 3 times (GC)
- MUS-354A String Techniques-Ohlone Chamber Orchestra**
3.40 hrs lab
Units: 0.50
Prerequisite: Demonstrate ability to read music
Accepted For Credit: CSU and UC
This course involves class instruction on all string instruments. Repeatable = 3 times (GC)
- MUS-354B String Techniques-Ohlone Chamber Orchestra**
3.40 hrs lab
Units: 0.50
Prerequisite: Demonstrate ability to read music
Accepted For Credit: CSU and UC
This course involves class instruction on all string instruments. Repeatable = 3 times (GC)
- MUS-354C String Techniques-Ohlone Chamber Orchestra**
3.40 hrs lab
Units: 0.50
Prerequisite: Demonstrate ability to read music
Accepted For Credit: CSU and UC
This course involves class instruction on all string instruments. Repeatable = 3 times (GC)

- MUS-354D String Techniques-Ohlone Chamber Orchestra**
3.40 hrs lab
Units: 0.50
Prerequisite: Demonstrate ability to read music
Accepted For Credit: CSU and UC
This course involves class instruction on all string instruments. Repeatable = 3 times (GC)
- MUS-355 College Chorus**
3.40 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This choir is a predominately campus (full-time student) organization for the beginning choral singer. It is a non-audition choir which performs with the Chorale and Symphonic Choir as well as its own performance opportunities. Repeatable = 3 times (GC)
- MUS-356 Chamber Singers**
3.40 hrs lab
Units: 1.00
Prerequisite: Audition
Advisory: Ability to read music
Accepted For Credit: CSU and UC
This course is an audition-only choir ensemble of trained community/campus singers who specialize in choral music from all eras of Western European music history. The choir is limited in size, but enrollment is open to all qualified singers. Attendance at all rehearsals and concerts is required. Repeatable = 3 times (GC)
- MUS-358 Community Chorale**
3.40 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This course is a large, "oratorio" style choir designed for the campus/community singer. It is non-audition choir for those interested in singing with a large ensemble. Repeatable = 3 times (GC)
- MUS-365 Supervised Tutoring**
6.80 hrs lab
Units: 0.00
Prerequisite: Instructor or counselor referral
This course provides students with individualized tutoring. It assists students to develop a learning methodology in a subject. It includes diagnosis and consultation with tutorial coordinator and supervised tutoring by part-time instructional aides and/or student tutors. Repeatable = 3 times (NG)
- MUS-367 Women's Chorus**
3.40 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This choir is open to all female members of the campus and the community. The course will concentrate on music designed for this gender-specific ensemble. Students will be required to attend all rehearsals and concerts programmed for this group. Little or no prior choral experience is needed. Repeatable = 3 times (GC)
- MUS-368 Men's Chorus**
3.40 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This choir is open to all male members of the campus and the community. The course will concentrate on music designed for this gender-specific ensemble. Students will be required to attend all rehearsals and concerts programmed for this group. Little or no prior choral experience is needed. Repeatable = 3 times (GC)
- MUS-369 Jazz, Rock, Popular, Blues Piano**
1.20 hrs lecture, 2.30 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
This course is a basic techniques and forms study of the applied and improvisation techniques of Jazz, Rock, Pop, Fusion, and Blues piano. Repeatable = 3 times (GR)
- MUS-370 Symphonic Band**
3.40 hrs lab
Units: 0.50
Prerequisite: Ability to read music
Accepted For Credit: CSU and UC
This course includes the study and performance of large scale symphonic band literature. Emphasis will be placed on major composer repertoire, scored for an ensemble with multiple part duplication. Attendance at scheduled rehearsals and performances is required. Repeatable = 3 times (GC)
- MUS-371 Mixed Wind Ensemble**
3.40 hrs lab
Units: 0.50
Prerequisite: Ability to read music
Accepted For Credit: CSU and UC
This course includes the study and performance of "one player per part" wind literature. Emphasis will be placed on solo preparation and execution. Attendance at scheduled rehearsals and performances is required. Repeatable = 3 times (GC)
- MUS-374 Community Orchestra**
3.40 hrs lab
Units: 0.50
Prerequisite: Demonstrate ability to read music
Accepted For Credit: CSU and UC
This course features the study and performance of both chamber and full symphonic orchestra repertoire. The literature represents all stylistic periods. Repeatable = 3 times (GC)
- MUS-380 Musical Theatre Workshop I (Principals)**
3.40 hrs lab
Units: 1.00
Prerequisite: Audition and casting role in current musical
Accepted For Credit: CSU and UC
This workshop is designed to familiarize and teach students the principles and complexities involved in the preparation and production of a dramatic musical performance. Specific instruction will be given in the movement and music for the leading members of the cast. Repeatable = 3 times (GC)
- MUS-381 Musical Theatre Workshop II (Chorus)**
3.40 hrs lab
Units: 1.00
Prerequisite: Audition and casting role in current musical
Accepted For Credit: CSU and UC
This workshop is designed to familiarize and teach students the principles and complexities involved in the preparation and production of a dramatic musical performance. Specific instruction will be given in movement and music for members of the chorus. Repeatable = 3 times (GC)
- MUS-382 Musical Theatre Workshop III (Instrumental)**
3.40 hrs lab
Units: 0.50
Prerequisite: Demonstrate ability to read music
Accepted For Credit: CSU and UC
This workshop is designed to familiarize and teach students the principles and complexities involved in the preparation and production of a dramatic musical performance from the perspective of the "pit musician." Repeatable = 3 times (GC)
- MUS-394 Madrigals**
3.40 hrs lab
Units: 1.00
Prerequisite: Audition only
Advisory: Ability to sight read music
Accepted For Credit: CSU and UC
This course is an audition-only choir ensemble of trained community/campus singers who specialize in choral music from the "show choir/vocal jazz choir" repertoire. Repeatable = 3 times (GC)

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NURSING

Division: Health and Exercise Sciences

- NUR-101 Nursing Theory and Communication**
3.00 hrs lecture, 6.80 hrs lab
Units: 4.50
Prerequisite: Admission to the program; BIOL-103A, BIOL-103B, BIOL-106
Advisory: CFS-109, PSY-108 must be completed by end of second semester in Nursing Program
Accepted For Credit: CSU
- NUR-101 is the first course in the nursing sequence, taught in 9 weeks. The weekly contact hours are 5 hours lecture and 12 hours lab. Students are introduced to the theory and practice of nursing based on the adaptation model. The health illness continuum is explored within the context of the health care delivery system. Students begin the socialization process into the role of the registered nurse. A special emphasis is placed on the nurse as communicator, educator, and critical thinker in a culturally diverse setting. The definition of cultural diversity includes ethnic, cultural, and psychological effects in response to wellness, illness, health practices, and value systems among cultural groups. This course will focus on assessing, developing, implementing, and evaluating a plan of care that respects the individual's cultural beliefs related to variations in concept of health and illness, use of health care delivery systems, communication differences, and barriers such as cultural groups, variances in time, and personal space. Detailed objectives are written for each class and correlate with required preparation. Simulated practice of fundamental nursing skills in a multimedia setting is included. Clinical application of both theory and skills occurs in the hospital and community settings. Repeatable = 1 time (GR)
- NUR-102 Assessment and Surgical I**
5.70 hrs lecture, 13.50 hrs lab
Units: 4.50
Prerequisite: Completion of NUR-101; BIOL-103A, BIOL-103B, BIOL-106
Advisory: CFS-109, PSY-108 must be completed by end of the second semester in the Nursing Program.
Accepted For Credit: CSU
- NUR-102 is the second course in the nursing sequence, taught in 9 weeks. The focus of this course is assessment of patients' physical and psychological adaptation to health and illness across the adult life span. Emphasis is on critical thinking and nursing process as it relates to patient care in the hospital and community setting. Students are introduced to the nursing role with the pre-operative, intra-operative, and post-operative patient. Special problems of nursing care related to the patient confronted by the prolonged immobility are addressed. Pharmacology is introduced in this course and addressed in each subsequent course. The course will focus on assessing, developing, implementing, and evaluating a plan of care that respects the individual's cultural beliefs related to variables in physical and psychosocial assessments of an ethnically diverse population as they relate to pain, nutrition, and spirituality. Discussion also focuses on value systems. Detailed objectives are written for each class and correlate with required preparation. Simulated practice of nursing skills in a multimedia setting. Clinical application of both theory and skills occurs in the hospital and community setting. Repeatable = 1 time (GR)

- NUR-103 Community I and Medical Surgical II**
5.70 hrs lecture, 18.10 hrs lab
Units: 5.00
Prerequisite: Admission to Nursing Program, Completion of NUR-102
Corequisite: CFS-109, PSY-108* *Completion of/or concurrent enrollment. Must be completed prior to entering third semester in Nursing Program.
Accepted For Credit: CSU
- NUR-103 is the third course in the nursing sequence taught in 9 weeks. The focus of this course is advanced concepts in nursing care of the surgical patient experiencing physical and psychological changes in body image related to wounds, amputation, genitourinary, respiratory, and gastrointestinal surgeries. The content also includes concepts of oxygenation, gas exchange, and acid base. Students will be introduced to the community practice paradigm focusing on the ambulatory care delivery system. Students will explore the nurse's role in a managed care environment. This course will focus on assessing, developing, implementing, and evaluating a plan of care that respects the individual's cultural beliefs related to change in body image and/or loss of body function, and change in nutritional practices. Detailed objectives are written for each class and correlate with required preparation. Simulated practice of nursing skills in a multimedia setting is included. Clinical application of both theory and skills occurs in the hospital and community setting. Repeatable = 1 time (GR)
- NUR-104 Maternal-Child Care**
5.70 hrs lecture, 18.10 hrs lab
Units: 5.00
Prerequisite: Completion of NUR-103
Corequisite: CFS-109, PSY-108 must be completed prior to entering third semester in Nursing Program.
Accepted For Credit: CSU
- NUR-104 is the fourth course in the nursing sequence taught in 9 weeks. The focus of this course is on the nursing process and adaptation model as it relates to the childbearing, child rearing family. The nursing roles of provider and manager of care and member of the profession are explored in meeting the needs of patients in labor and delivery, post-partum, and the newborn nursery and pediatrics. Lecture classes are strongly augmented by discussion and extensive video and computer program components. The content includes pathophysiology, nursing implications of diagnostic tests, and related pharmacology. Students will assess patients, identify nursing diagnosis, implement and evaluate nursing interventions to promote adaptive responses in pediatric and obstetric patients experiencing alternations in physiologic and psychosocial modes. The course will focus on assessing, developing, implementing and evaluating a plan of care that respects the individual's cultural and ethnic childbearing beliefs regarding perception of pregnancy, beliefs about labor and delivery and multicultural practices in the post-partum care of the mother and the newborn. This course will also focus on assessing, developing, implementing and evaluating a plan of care that respects the individual's cultural beliefs related to childbearing practices that have an impact on the hospitalized child and his family; cultural responses to child abuse and the child with congenital anomalies; and multicultural education of families in an outpatient clinical setting. Detailed objectives are written for each class and correlate with required preparation. Simulated practice of nursing skills in a multi-media setting is included. Clinical application of both theory and skills occurs in the hospital and community setting. Repeatable = 1 time (GR)

NUR-105**Mental Health and Gerontologic Care**

5.70 hrs lecture, 18.10 hrs lab

Units: 5.00

Prerequisite: NUR-104, CFS-109, PSY-108

Accepted For Credit: CSU

NUR-105 is the fifth course in the nursing sequence taught in 9 weeks. The focus is on comprehensive nursing interventions to promote adaptive communication across the life span. The nursing roles of provider and manager of care, communicator, teacher, and member of the profession are explored in meeting the needs of patients in community-based psychiatric and geriatric settings. Lecture classes are augmented by discussion and computer-assisted clinical situations. Nursing skills will focus on communication and critical thinking through the use of video simulations of clinical situations and role playing. The clinical setting will provide a variety of interactional and practice situations with geriatric and psychiatric patients. The students' knowledge of community-based nursing will be expanded upon through participation in a community based clinic. This course focuses on assessing, developing, implementing, and evaluating a plan of care that respects the individual's cultural beliefs related to differences in verbal and nonverbal behavior among cultures, cultural and ethnic practices related to the care of the mentally ill, and sources of stress among diverse ethnic groups that may lead to violence, substance abuse, and mental illness. Detailed objectives are written for each class and correlate with required preparation. Simulated practice of nursing skills in a multimedia setting is included. Clinical application of both theory and skills occurs in the hospital and community setting. Repeatable = 1 time (GR)

NUR-106**Community II and Medical Surgical III**

5.70 hrs lecture, 18.10 hrs lab

Units: 5.00

Prerequisite: Completion of NUR-105

Accepted For Credit: CSU

NUR-106 is the sixth course in the nursing sequence taught in 9 weeks. The focus is on the nursing care of patients with alterations in endocrine protective, hepatic (pancreatic) function, and bleeding disorders. Content includes pathophysiology, nursing assessment, nursing implications of diagnostic tests, and related pharmacology. Students will utilize the nursing process to promote adaptive response in patients experiencing complex physiologic and psychosocial alteration in the endocrine/protective and hepatic (pancreatic) systems. A special emphasis is placed on the nurse as communicator, educator, and critical thinker. Issues surrounding chronicity and nursing care of high-risk populations will be explored using the case management model. Community content will encompass the analysis and implementation of the students' community assessment. This course will focus on assessing, developing, implementing, and evaluating a plan of care that respects the individual's cultural beliefs related to cultural practices among diverse populations experiencing grief and the dying process; the impact of disease transmission among various cultural groups; and expression and response to pain among culturally diverse populations. Detailed objectives are written for each class and correlate with required preparation. Simulated practice of nursing skills in a multimedia setting is included. Clinical application of both theory and skills occurs in the hospital and community settings. Repeatable = 1 time (GR)

NUR-107**Medical-Surgical IV and Rehabilitation**

5.70 hrs lecture, 18.10 hrs lab

Units: 5.00

Prerequisite: Completion of NUR-106

Accepted For Credit: CSU

NUR-107 is the seventh course in the nursing sequence taught in 9 weeks. The focus of this course is on the nursing care issues related to the management of patients with alterations of circulation, respiratory, elimination, (renal) and neuro/sensation. Critical thinking will be promoted by assisting students to interrelate pathophysiology, nursing assessment, implications of diagnostic tests, pharmacology and medical treatments. Students will assess, identify nursing diagnoses, and implement nursing interventions to promote adaptive responses in patients experiencing complex physiologic and psychosocial alterations of the cardiovascular, respiratory, renal, and neurological systems. The community focus will include health promotion, illness prevention, and rehabilitation. The course will focus on assessing, developing, implementing, and evaluating a plan of care that respects the individual's cultural beliefs related to health care practices of the multicultural individual experiencing physiological problems related to the cardiac, renal, and neurological systems. Detailed objectives are written for each class and correlate with required preparation. Simulated practice of related skills in a multimedia setting is included. Clinical application of both theory and skills occurs in the acute care hospitals and home health and community rehab settings. Repeatable = 1 time (GR)



Photo courtesy of College Relations

NUR-108 Clinical Preceptorship

1.20 hrs lecture, 8.50 hrs lab

Units: 3.50

Prerequisite: Completion of NUR-107

Accepted For Credit: CSU

NUR-108 is the eighth course in the nursing sequence taught in 5 weeks. Contact hours are 18 hours lecture completed in the first week and 128 hours lab completed in subsequent weeks. The focus of this course is on nursing care and first-level management skills in caring for groups of hospitalized patients. Emphasis is placed on team management in an acute care setting. The registered nurse preceptor directly supervises students under the guidance of the nursing faculty liaison. Professional development skills and current issues in nursing are discussed. This course will focus on managing groups of patients with respect for the individual's cultural beliefs related to health care practices. Students will practice delegation and evaluation of health team members from a variety of cultural backgrounds. Detailed objectives are written for each class and correlate with required preparation. Clinical application of both theory and skills occurs in the hospital settings. Repeatable = 1 time (GR)

NUR-109**Community Synthesis**

5.40 hrs lab

Units: 1.50

Prerequisite: Completion of NUR-107

Accepted For Credit: CSU

NUR-109 is the ninth course in the nursing sequence taught in three weeks. The contact hours are 78 lab hours. The focus of this course is on nursing role in a community context. Emphasis is placed on nursing interventions across the life span in a managed care environment. This course will focus on nursing care of a multi-diverse patient population utilizing community-based care settings. Detailed objectives are written for the clinical experience and correlate with required preparation. Clinical application of both theory and skills occurs in the community setting. Repeatable = 1 time (CR)

- NUR-115M LVN Bridge to Registered Nursing**
1.80 hrs lecture, 5.40 hrs lab
Units: 3.00
Prerequisite: Admission to the LVN-RN Mobility Option
This course is required of all students admitted to the LVN-RN Mobility Option. When taught in nine weeks, the weekly contact hours are 5 hours lecture; three hours per week skills lab for 6 weeks. Clinical is held the last days of the course (5 1/2 hours per day). Content includes the nursing process as it applies to adaptation theory of nursing practice, LVN role transition to registering nursing, assessment skills, IV therapy, math for medications, basic procedures, and care planning. This course is taught in a self-paced modular format. Repeatable = 1 time (GR)
- NUR-115P Maternal-Child Review**
5.70 hrs lecture
Units: 2.50
Advisory: Eligible for ENGL-101A
NUR-115P is a review of the care of the child-bearing, child rearing family. The nursing roles of provider and manager of care and member of the profession are explored in meeting the needs of patients in labor and delivery, post-partum, the newborn nursery, and pediatrics. The content will include pathophysiology, nursing assessment, nursing implications of diagnostic tests, and related pharmacology. Students will assess patients, identify nursing diagnosis, and implement and evaluate nursing interventions to promote adaptive responses in pediatric and obstetric patients experiencing alterations in physiologic and psychosocial modes. This course will focus on assessing, developing, implementing, and evaluating a plan of care that respects the individual's cultural and ethnic childbearing beliefs regarding perception of pregnancy, beliefs about labor and delivery, and multicultural practices in the post-partum care of the mother and the newborn. Repeatable = 1 time (CR)
- NUR-116V Clinical Nursing Renewal**
1.80 hrs lab
Units: 0.50
Prerequisite: Admission to the Nursing Program
This clinical nursing course provides for renewal of nursing skills in a hospital setting. Clinical objectives will be determined by faculty. Eligibility is limited to students re-enrolling after an extended period of absence or following a clinical failure. Continuation in the nursing program is contingent on a passing grade. Not applicable to associate degree. Repeatable = 1 time (CR)
- NUR-117 Critical Thinking Development-Intensive**
1.80 hrs lab
Units: 0.50
Corequisite: Concurrent enrollment in the Nursing Program (NUR-101 through NUR-109)
This course is designed for students concurrently enrolled in the nursing program. This course focuses on developing and/or enhancing critical thinking skills. Areas of communication include using the nursing process to develop a plan of care in assigned clinical patients using the adaptation framework; assisting students in developing understanding of pharmacology, diagnostic results, related pathophysiology, and nursing implications; enhancing therapeutic communication; and developing specific skills in writing a scholarly paper using research techniques. Not applicable to associate degree. Repeatable = 3 times (CR)
- NUR-118 Leadership Skills in Nursing**
3.40 hrs lab
Units: 1.00
This course introduces the concept of leadership through participation in the Nursing Students of Ohlone College club (NSOC) in conjunction with the California Nursing Student's Association (CNSA) and the National Student Nursing Association (NSNA). Students have the opportunity to participate in group work, leadership roles, education and mentoring, community service, and other activities that broaden their vision of the nursing profession and promote leadership. Not applicable to associate degree. Repeatable = 3 times (CR)

- NUR-119 Strategies for the RN Student**
2.30 hrs lecture
Units: 2.00
The course will provide an introduction to the role of the registered nurse. Students will acquire critical thinking, time management, finance management, study and life skills necessary for RN student success. Repeatable = 2 times (GC)
- NUR-365 Supervised Tutoring**
11.80 hrs lab
Units: 0.00
Prerequisite: Instructor or counselor referral
This course provides students with individualized tutoring. It assists students to develop a learning methodology and skill enhancement in a subject. It may include consultation with skills lab coordinator and supervised tutoring and/or student tutors. Repeatable = 3 times (NG)

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PERSONAL DEVELOPMENT

Division: Counseling

- PD-100 Transition to College**
1.20 hrs lecture
Units: 1.00
Accepted For Credit: CSU
This course is designed for new students as an orientation to Ohlone and to college life in general. Students will become familiar with various aspects of Ohlone such as campus facilities, programs, services, policies, technology, and campus-wide issues. Additional topics that will be covered are study skills, academic expectations, diversity, health/wellness, and relationships. (GC)
- PD-101 College Survival Techniques**
0.60 hrs lecture
Units: 0.50
Accepted For Credit: CSU
This course covers specific topics designed to help students succeed in college and to understand college life. The emphasis will be on effective learning strategies, problem solving, academic planning and individual motivation. The theme and content of each class varies and is determined by the counseling faculty. This half-unit course will be offered as a short-term course. Repeatable = 2 times (CR)
- PD-111 Strategies for College Success**
1.20 hrs lecture
Units: 1.00
Accepted For Credit: CSU
This course covers specific topics designed to help students succeed in college. Additionally, students are assisted in adjusting to college life and identifying learning strategies, problem solving, academic planning, critical thinking, and individual motivation. The theme and content of each class varies and is determined by the Counseling faculty. Repeatable = 2 time (GC)
- PD-113 Strategies for Succeeding in College**
2.30 hrs lecture
Units: 2.00
Accepted For Credit: CSU
This course helps students to adjust to college. The focus is on the following topics: college expectations and opportunities, campus resources, learning styles and strategies including lecture note-taking, test taking, memory and concentration, life management, goal setting, educational planning, health maintenance, cultural diversity and relationships. This course integrates personal growth and academic success with problem solving, critical and creative thinking. The theme and content of each class varies and is determined by the counseling faculty. Repeatable = 2 times (GC)

- PD-114 Introduction to Paraprofessional Counseling**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Cross-referenced Course: PSY-114
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This course is designed for students who are interested in learning basic counseling theories, skills, and ethics. Training will emphasize crisis intervention, active listening, and other skills which are necessary for effective interpersonal communication. Includes supervised experience on campus and in the community. (GC)
- PD-120 Student Government Workshop**
0.60 hrs lecture, 1.80 hrs lab
Units: 1.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This course explores theories and practice of leadership (roles of leaders, group process, management by objectives, motivational psychology, administration of programs) through lecture, laboratory, student government meetings, and programs. It is recommended for student government officers, club officers, and individuals who want to participate in leadership roles. Repeatable = 3 times (GC)
- PD-149 Career Testing Workshop**
0.60 hrs lecture
Units: 0.50
Advisory: Eligible for ENGL-151B and ENGL-163
This is a practical course that will allow students to focus on self-exploration through the use of career assessment inventories. The course will assist students in establishing career and educational goals. The course is intended as an introduction to the career planning process and is offered in short course format. Repeatable = 1 time (CR)
- PD-150 Career Planning**
2.30 hrs lecture
Units: 2.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This is a practical course that will allow students to focus on self-exploration through the use of career assessment inventories. The course will assist students in establishing career and educational goals. The course is intended as an introduction to the career planning process and is offered in short course format. Repeatable = 2 times (GC)
- PD-160 Student Leadership in Higher Education**
1.80 hrs lecture, 2.30 hrs lab
Units: 2.00
Accepted For Credit: CSU
This class is designed to prepare students for leadership roles in campus and future organizations. It includes: communication, leadership roles, proper administration of Robert's Rules of Order, delegation, and program evaluation. It is open to student government members, general club members, and any student interested in gaining valuable leadership skills. (GC)
- PD-170 Welcome Day: The Freshman Connection**
0.60 hrs lecture
Units: 0.50
Accepted For Credit: CSU
Various workshops will be taught by counselors, faculty, and administrators to help students make the transition to college. They will learn how to be successful in college, what college services are available to them, and where things are located on campus. The course includes a guaranteed follow-up counseling appointment. (CR)

- PD-365 Supervised Tutoring**
6.80 hrs lab
Units: 0.00
Prerequisite: Instructor or counselor referral
This course provides students with individualized tutoring. It assists students in developing a learning methodology in a subject. It includes diagnosis and consultation with tutorial coordinator and supervised tutoring by part-time instructional aides and/or student tutors. Repeatable = 3 times (NG)

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PHILOSOPHY

Division: Language Arts, Library, and Social Sciences

- PHIL-101 Ancient Philosophy**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course is an introduction to the development of Western philosophy through a study of its beginnings in ancient Greece. Thinkers considered include the Presocratics, Socrates, Plato, Aristotle, and the Stoics. (GC) (CAN PHIL 8 or PHIL-101 + PHIL-102 = CAN PHIL SEQ A)
- PHIL-102 Modern Philosophy**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course is an introduction to the history of modern philosophy. Thinkers studied include Descartes, Hobbes, Locke, Berkeley, Hume, Kant, and Hegel. (GC) (CAN PHIL 10 or PHIL-101 + PHIL-102 = CAN PHIL SEQ A)
- PHIL-104 Logic**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This is an introductory course in formal deductive reasoning. Emphasis will be on modern symbolic logic. Topics discussed include truth-functional connectors, truth tables, natural deduction, and proof. (GC) (CAN PHIL 6)
- PHIL-106 Ethics**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course examines the major ethical systems and ideas with application to modern moral issues. Concepts studied include free will, moral responsibility, and justice. (GC) (CAN PHIL 4)
- PHIL-107 Practical Reasoning**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This is a practical examination of reasoning and argumentation illustrated by topics drawn from everyday life. Topics examined include the structure and form of arguments, informal fallacies, and ways in which cultural, social, and psychological actors support or detract from the reasoning process. (GC)

- PHIL-109A Understanding the Old Testament**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is a general introduction to the Hebrew Scriptures. Emphasis will be upon the history, literature, and religion of ancient Israel, using the findings of modern Biblical scholarship. (GC)
- PHIL-109B Understanding the New Testament**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is a general introduction to the New Testament. Emphasis will be upon the use of modern scholarship to investigate the historical, literary, and religious background of the New Testament. (GC)
- PHIL-110 Introduction to Asian Religions**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is a survey of the religious and philosophical thought of the great Eastern religious traditions: Hinduism, Buddhism, Confucianism, Taoism, and Shintoism. Cultural backgrounds and historical development will be emphasized. (GC)
- PHIL-112 Introduction to Western Religions**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is a comparative survey of major religious traditions of the Western World: Judaism, Christianity, Islam, and others. Cultural backgrounds and historical development will be emphasized. (GC)
- PHIL-114 Introduction to Islam**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU and UC
This course will offer a basic overview of the nature of Islam as a religion or system of life, its culture, and its impact on Muslim individuals and groups. The course will consider the basic sources of Islam and the history of the Islamic tradition. (GC)

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PHYSICAL EDUCATION

Division: Health and Exercise Sciences

- PE-195A1 PE Work Experience Education**
4.70 hrs lab
Units: 1.00
Advisory: Student must read the notes in the Work Experience Education (WEX) section and follow those instructions.
Accepted For Credit: CSU
Through a set of learning objectives established by the student, supervisor and instructor, each student will work with and learn from professionals in the field of Physical Education (Exercise Science and Wellness). These experiences will enable students to improve job skills, and analyze career opportunities and requirements. Repeatable = 3 times up to 16 units (GC)
- PE-195A2 PE Work Experience Education**
9.40 hrs lab
Units: 2.00
Advisory: Student must read the notes in the Work Experience Education (WEX) section and follow those instructions.
Accepted For Credit: CSU
Through a set of learning objectives established by the student, supervisor and instructor, each student will work with and learn from professionals in the field of Physical Education (Exercise Science and Wellness). These experiences will enable students to improve job skills, and analyze career opportunities and requirements. Repeatable = 3 times or up to 16 units (GC)
- PE-195A3 PE Work Experience Education**
14.10 hrs lab
Units: 3.00
Advisory: Student must read the notes in the Work Experience Education (WEX) section and follow those instructions.
Accepted For Credit: CSU
Through a set of learning objectives established by the student, supervisor and instructor, each student will work with and learn from professionals in the field of Physical Education (Exercise Science and Wellness). These experiences will enable students to improve job skills, and analyze career opportunities and requirements. Repeatable = 3 times or up to 16 units (GC)
- PE-195A4 PE Work Experience Education**
18.80 hrs lab
Units: 4.00
Advisory: Student must read the notes in the Work Experience Education (WEX) section and follow those instructions.
Accepted For Credit: CSU
Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from professionals in the field of Physical Education (Exercise Science and Wellness). These experiences will enable students to improve job skills and analyze career opportunities and requirements. Repeatable = 3 times or 16 units (GC)
- PE-220 Women's Volleyball**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance. Enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-222 Women's Soccer**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance. Enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-223 Men's Soccer**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance. Enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. (GC)

- PE-224 Women's Waterpolo**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance. Enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to complete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-225 Men's Waterpolo**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance. Enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to complete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-226 Women's Basketball**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance, enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-227 Men's Basketball**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance, enrollment in 9 additional units as per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-228 Women's Swimming**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance, enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-229 Men's Swimming**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance, enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-230 Women's Softball**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance, enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-231 Men's Baseball**
11.80 hrs lab
Units: 3.00
Prerequisite: Physical exam clearance, enrollment in 9 additional units per Student Education Plan.
Accepted For Credit: CSU and UC
These courses are designed for students who desire to compete in intercollegiate athletics and who can perform the necessary physical skills. Repeatable = 3 times (GC)
- PE-240 Theory of Physical Education, Fitness, And Sport**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU and UC
This course is designed to introduce students to the fields of physical education, exercise science, and allied health. The history and trends of physical education and the human movement sciences will be discussed. Also included in the class will be the career options covering areas such as exercise physiology, biomechanics, motor learning, sports pedagogy, sports sociology, and related areas in athletic training, sports management, and allied health. (GC)
- PE-241 College Success for Athletes**
2.30 hrs lecture
Units: 2.00
Accepted For Credit: CSU
This course is designed for new student-athletes to assist with the adjustment to college level academics and athletics. The focus is on application of learning strategies, academic planning, time management, transfer and eligibility guidelines, life skills and study skills. Additionally, this course will promote realistic expectations of college while understanding what is necessary to succeed as an intercollegiate athlete. (GC)
- PE-242 Sociology of Sport**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: SOC-142
Accepted For Credit: CSU
This course will examine the history of sport and its political, social, and economic impact on public opinion. This will include an investigation into the phenomenon of sport including cultural stratification, race, gender, education, economics, politics, and the mass media. (GC)
- PE-243 Sports Marketing**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU
This course examines the application of the principles of promotion and marketing to the sport and fitness industry. The areas covered will include high school/collegiate athletics, professional sports, and the fitness club industry. (GC)
- PE-244 Sports Management**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: BA-144
Accepted For Credit: CSU
This course provides an overview of professional sport management in North America. The political, historical, social, economic, and cultural impacts of sport management are explored. Topics will include team management, organizational administration, legal issues, public relations, and facility management. Students will become familiar with career opportunities in the sports management field. (GC)
- PE-250 Fitness Camp**
0.60 hrs lecture, 2.30 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC
Fitness camp is a class designed to start students on getting their body fit. The content includes weight management, increased cardio-respiratory and muscle endurance, decreased body fat, and stress reduction. Repeatable = 3 times (GC)

- PE-251 Fitness for Life**
4.50 hrs lecture
Units: 3.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This class is designed for students who wish to assess: 1) cardiovascular fitness, 2) strength, 3) flexibility, 4) body fat and nutrition, and 5) stress level as a basis for designing and implementing a personal program for aerobic endurance, strength, and flexibility. (GC)
- PE-252 Personal Exercise Program**
0.60 hrs lecture, 1.80 hrs lab
Units: 1.00
Advisory: Medical check within last year/PE-251
Accepted For Credit: CSU
This course enables the student to continue to practice exercise programs developed in PE-251A. The programs must include activities which develop cardiovascular fitness, strength, flexibility, and fitness maintenance. Repeatable = 3 times (GC)
- PE-255 Water Safety Instruction**
0.60 hrs lecture, 1.80 hrs lab
Units: 1.00
Advisory: Medical check within last year. Current Red Cross Lifesaving Certificate
Accepted For Credit: CSU and UC
This course allows students to refine swimming and life-saving skills and also develop the ability to analyze swimming skills. Students will learn basic techniques of teaching swimming, life saving, and water safety skills. Students will also learn the basis of management of pool and waterfront programs. The ANRC Water Safety Instructor Certificate is issued upon successful completion. Repeatable = 3 times (GC)
- PE-256 Sports Performance Testing**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Cross-referenced Course: PTA-119
Accepted For Credit: CSU
This course covers assessment methods commonly used to evaluate athletic ability. It covers anaerobic testing methods used to establish baseline, normative, and developmental data. Testing for specific sports such as basketball, football, soccer, and tennis is also covered. Repeatable = 1 time (GR)
- PE-257 Prevention and Care of Athletic Injuries**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Advisory: ENGL-151B or equivalent; BIOL-130
Accepted For Credit: CSU
This course is designed to introduce basic care and prevention of athletic injuries. Concepts will include injury recognition, evaluation, management, and rehabilitation. The practical experience will include adhesive taping and protective padding techniques, use of therapeutic modalities, and emergency first aid procedures as applied to athletic injuries. (GR)
- PE-258 Exercise Prescription**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Accepted For Credit: CSU
This course is designed to introduce principles of exercise prescription and strength and conditioning. Topics will include exercise physiology, exercise prescription for special and general populations, free weight and machine exercise techniques, nutrition and weight management, biomechanical concepts, and emergency and legal issues related to fitness and strength training. This course will also prepare students for the Personal Trainer Examination. (GC)
- PE-261 Mental Aspects of Sport**
2.30 hrs lecture
Units: 2.00
Accepted For Credit: CSU
This course will develop the connection between the mental and physical aspects of competition and the ways to enhance performance. Stress reduction techniques, goal setting, imagery, and visualization will be covered as will training methods for both the body and mind. Repeatable = 2 times (GC)
- PE-262 Theory of Volleyball**
2.30 hrs lecture, 1.20 hrs lab
Units: 2.00
Accepted For Credit: CSU and UC
This course is a study of fundamental offensive and defensive techniques and strategies in volleyball as they apply to teaching and/or coaching. This course includes the principles of how to scout games, critique skills of athletes, and plan a practice schedule. (GC)
- PE-264 Coaching Soccer**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Advisory: Medical check within last year recommended
Accepted For Credit: CSU
Class designed for the potential soccer coach. Repeatable = 1 time (GC)
- PE-265 Theory of Basketball**
2.30 hrs lecture, 1.20 hrs lab
Units: 2.00
Accepted For Credit: CSU and UC
This course is designed for students who wish to learn fundamental offensive and defensive techniques and strategies in basketball as they apply to teaching and/or coaching. The course will also include the principles of scouting, critiquing skills of athletes, and planning a practice schedule. (GC)
- PE-266 Coaching Softball**
2.30 hrs lecture, 1.20 hrs lab
Units: 2.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This course is a study of fundamental offensive and defensive techniques and strategies as they apply to teaching and/or coaching softball. This course includes the principles of how to scout games, critique skills of athletes, and plan a practice schedule. Repeatable = 1 time (GC)
- PE-267 Coaching Baseball**
2.30 hrs lecture, 1.20 hrs lab
Units: 2.00
Accepted For Credit: CSU and UC
This course is a study of fundamental offensive and defensive techniques and strategies as they apply to teaching and/or coaching baseball. This course includes the principles of how to scout games, critique skills of athletics, and plan a practice schedule. Repeatable = 1 time (GC)
- PE-268 Golf Instruction and Theory**
1.20 hrs lecture, 2.30 hrs lab
Units: 2.00
Accepted For Credit: CSU
This course includes the study of strength and flexibility and its application, the role and purpose of golf equipment, course management skills and theories, rules and etiquette, mental preparation, and the skills of the swing, putt, chip, and pitch. Repeatable = 1 time (GC)
- PE-300A2/A3 Basketball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This course provides the student with an understanding of the fundamentals, rules, strategies and skills of basketball. Game situations will also be covered. (GC)

- PE-300C2/C3 Advanced Basketball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year; PE-300A2, PE-300A3, or equivalent
Accepted For Credit: CSU and UC
This course is designed to further develop the techniques of the basketball player who has been taught the fundamentals, rules, and strategies of basketball. This course is recommended for those who have played basketball competitively. (GC)
- PE-301A2/A3 Volleyball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year
Accepted For Credit: CSU and UC
This PE course is designed for students wishing to learn the fundamentals of volleyball. (GC)
- PE-301B2/B3 Intermediate Volleyball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year; PE-301A2 or A3 or equivalent
Accepted For Credit: CSU and UC
This PE course is designed for students wishing to learn the intermediate strategies and skills of volleyball. (GC)
- PE-301C2/C3 Advanced Volleyball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year; PE-301B2, PE-301B3, or equivalent
Accepted For Credit: CSU and UC
This PE course is designed for students wishing to learn the advanced strategies and skills of volleyball. This course is recommended for the competitive volleyball player. (GC)
- PE-302A2/A3 Flag Football**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This co-ed course is designed to assist the student in developing total fitness through flag football. The objective of this course is to provide the students with the general knowledge of flag football with emphasis on team play. (GC)
- PE-303A2/A3 Soccer**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This course will instruct the student in the basic techniques of soccer. Basic skills, rules and basic strategies will be covered. (GC)
- PE-304A2/A3 Indoor Soccer**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This course will instruct the student in the basic fundamentals and strategies used in indoor soccer. (GC)
- PE-305C2/C3 Advanced Softball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year
Accepted For Credit: CSU and UC
This course is designed to further the skills and understanding of each participant so that each might better perform the skills necessary to play the game of softball at a highly competitive level. A certain amount of physical fitness will also be obtained through the practice and participation in class. (GC)
- PE-306A2/A3 Slow Pitch Softball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This PE class is designed to provide softball skills and basic strategies at the beginning level. (GC)
- PE-306B2/B3 Intermediate Slow-Pitch Softball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year; PE-306A2 or A3 or equivalent
Accepted For Credit: CSU and UC
This PE course is designed to further the skills and understanding of softball for each participant at the intermediate level. (GC)
- PE-307C2/C3 Advanced Baseball**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year. Previous high school or college experience.
Accepted For Credit: CSU and UC
This course is designed to improve skills and understanding of baseball fundamentals enabling the student to complete at the college level. Strategy and technique will be taught in non-competitive and competitive situations. Situational hitting and defense practice in game settings will also be stressed. (GC)
- PE-308A2/A3 Wrestling**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year
Accepted For Credit: CSU and UC
This course is an introduction to beginning wrestling with an emphasis on basic skills, the history of the sport, rules, and strategy. Basic skills will include explanation, demonstration and practice of takedowns, escapes, reversals, the science of riding, and pinning combinations. (GC)
- PE-315A2 Beginning Bowling**
2.30 hrs lab
Units: 0.50
Advisory: Medical check within the last year
Accepted For Credit: CSU and UC
This course provides the student an understanding of the fundamentals of beginning bowling. (GC)
- PE-315B2 Intermediate Bowling**
2.30 hrs lab
Units: 0.50
Advisory: Medical check within the last year; PE-315A2, PE-315A3, or equivalent
Accepted For Credit: CSU and UC
This course is designed for students who wish to learn advanced bowling techniques. (GC)
- PE-320A2/A3 Basic Golf Skills**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This course is designed to give the student an understanding of the fundamentals of the game of golf including grip, stance, swing, rules, etiquette, and knowledge of equipment. (GC)
- PE-320B2/B3 Intermediate Golf Skills**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year. PE-320A2 or A3 or equivalent
Accepted For Credit: CSU and UC
This course is designed to further develop the techniques of the golfer who has learned the fundamentals of grip, stance and swing. The use of all clubs and playing situations will be stressed. (GC)

PE-320C2/C3 Advanced Golf Skills

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within last year PE-320B2 or B3 or equivalent
Accepted For Credit: CSU and UC

This course is designed for the more advanced students of golf who would like to fine-tune their game and work on any problem areas of play. (GC)

PE-322A2/A3 Golf: Chipping, Pitching, and Putting

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year; PE-320A2, PE-320A3, or equivalent
Accepted For Credit: CSU and UC

This is an advanced golf class designed specifically to introduce the student to the skills required in the performance of chipping, pitching and putting in order to lower their golf score. (GC)

PE-324A2/A3 On-Course Golf Management

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within last year; PE-320C2, PE-320C3, or equivalent
Accepted For Credit: CSU and UC

This course is designed to help the student develop the proper shotmaking skills, help reduce stress and use positive feedback techniques while playing Leisure or Tournament Golf. The student will also play various golf formats and establish a golf handicap. (GC)

PE-325A2/A3 Tournament Golf

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical checkup within last year
Accepted For Credit: CSU and UC

This course is designed to prepare the individual mentally and physically for the rigors of tournament golf play. The student will play various tournament formats of scramble, best ball, and alternating shot. (GC)

PE-341A2/A3 Strength Training

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within last year
Accepted For Credit: CSU and UC

This course is designed to assist the student in developing a strength fitness program through demonstrations and practical applications of sound weight lifting techniques. (GC)

PE-341B2/B3 Intermediate Strength Training

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year PE-341A2 or A3 or equivalent
Accepted For Credit: CSU and UC

This activity class is designed to assist the student with advanced strength training techniques for personal muscular development. (GC)

PE-342A2/A3 Circuit Training

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This activity course is designed to increase flexibility, strength, and cardiovascular endurance of the students through the practical application of circuit training. (GC)

PE-343A2/A3 Strength and Cardio Training

2.30/3.40 hrs lab
Units: 0.50/1.00

Accepted For Credit: CSU and UC

Set in the fitness lab, this course includes the use of free weights, machine weights and cardiovascular equipment to improve and develop the muscular and cardiovascular systems of the body. (GC)

PE-344A2/A3 Total Fitness

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is designed to provide students, faculty and staff with an individualized fitness and wellness program through the use of cardio-vascular equipment, circuit training and machine and free weights. It allows for participation at the student, faculty and staff convenience during the open lab hours. Repeatable = 3 times (GC)

PE-345A2/A3/A4 Sport Specific Training

2.30/3.40/6.80 hrs lab
Units: 0.50/1.00/2.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is designed to improve neuromuscular coordination and agility related to sport-specific movements. Course is designed for intercollegiate-level athletes. Repeatable = 3 times (GC)

PE-346A2/A3 Guts and Butts

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

Guts and Butts is a conditioning program emphasizing muscular strength, toning and endurance for the abdominal, glutes, and thigh muscle groups. Repeatable = 3 times (GC)

PE-350A2/A3 Learning to Swim

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is designed for students who want to learn how to swim and become less fearful of the water. This course is also recommended for students wanting to become better swimmers. (GC)

PE-350D2/D3**Competitive Swimming**

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Ability to swim 1200 yards in under 20 minutes. Medical check within last year
Accepted For Credit: CSU and UC

This course consists of a swimming workout consisting of progressively more difficulty interval swimming. All four competitive strokes will be used throughout the semester. (GC)

PE-351A2/A3**Aquatic Conditioning**

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is designed for students who want to improve their swimming and conditioning skills. This progressive program enables the students to become physically fit without injury to joints of the body. (GC)



Photo courtesy of College Relations

PE-353A2/A3 Water Polo

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is designed for students who wish to learn the basic fundamentals and strategies in beginning water polo. This course is highly recommended for the student who wishes to play water polo. (GC)

PE-353B2/B3 Intermediate Water Polo

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year PE-353A2 or A3 or equivalent
Accepted For Credit: CSU and UC

This course is designed to teach students intermediate water polo skills and strategies. This course is highly recommended for the student who wishes to play water polo. (GC)

PE-355A2/A3/A4 Aquatic Stroke Technique

2.30/3.40/6.80 hrs lab
Units: 0.50/1.00/2.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is designed for students with very advanced swimming skills. Its focus is on the refinement of swimming techniques of the four competitive swimming strokes: butterfly, backstroke, breast-stroke, freestyle and associated starts and turns. Repeatable = 3 times (GC)

PE-356A2/A3 Water Exercise

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is designed to provide students with a fitness program through various water exercise and swimming workouts. Repeatable = 3 times (GC)

PE-360A2/A3 Badminton

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within last year
Accepted For Credit: CSU and UC

This course is designed to give the student an understanding of the basic fundamentals of badminton. (GC)

PE-360B2/B3 Intermediate Badminton

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within last year; PE-360A2, PE-360A3, or equivalent
Accepted For Credit: CSU and UC

This course is designed to further develop the techniques and skill level of the badminton player. (GC)

PE-362A2/A3 Tennis

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This PE course is designed to teach the basic fundamentals, rules and strategies pertaining to the game of tennis. (GC)

PE-362B2/B3 Intermediate Tennis

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year; PE-362A2, PE-362A3, or equivalent
Accepted For Credit: CSU and UC

This PE course is designed for students to learn the fundamentals and intermediate skills of tennis. Strategy sessions in singles as well as doubles play will also be covered. (GC)

PE-362C2/C3 Advanced Tennis

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year; PE-362B2, PE-362C3, or equivalent
Accepted For Credit: CSU and UC

This PE course is designed for students to learn the advanced skills of tennis including strategies, rules, and tournament play. (GC)

PE-365A2/A3 Chi Walking/Running

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within last year
Accepted For Credit: CSU and UC

This course is an aerobic activity designed to provide physical and cardiovascular benefits. Stretching and attaining each individual's target heart rate will be emphasized. (GC)

PE-366A2/A3 Dance Aerobics

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within last year
Accepted For Credit: CSU and UC

This PE course is designed for students to learn a series of dances which will strengthen the cardiovascular system; strengthen, tone and trim the skeletal muscle system and increase flexibility. (GC)

PE-367A2/A3 Step-Aerobics

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

Step Aerobics I is an introduction to choreography utilizing the step as a means for improving cardiorespiratory endurance. A complete warm-up and cool down will be included. Toning exercises for the abdominal and upper body will complete the workout. (GC)

PE-368A2/A3 Hi-Low Aerobics

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course utilizes aerobic exercise done to music to stimulate cardiorespiratory fitness. A thorough warm-up and cool down, as well as abdominal strengthening will be included. A final stretching routine will focus on increasing flexibility, primarily in the low back and hamstrings. (GC)

PE-371A2/A3 Total Body Conditioning

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

Total Body Conditioning program emphasizing muscular strength and endurance, cardiorespiratory endurance, and flexibility. Aerobic activities are combined with resistance training exercises and are designed to work the total body. Step aerobics, aerobic dance, power walking, circuit training and interval training will be introduced. (GC)

PE-372A2/A3 Conditioning

2.30/3.40 hrs lab
Units: 0.50/1.00

Advisory: Medical check within the last year
Accepted For Credit: CSU and UC

This course is an aerobic type body conditioning class which includes stretching, step workout, abdominal development, and muscle toning exercises. (GC)

- PE-374A2/A3 Kickboxing**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This course utilizes martial arts techniques including kicks, punches, blocks, and defenses in a cardio exercise program designed to aid in the prevention of verbal and physical attacks. (GC)
- PE-376A2/A3 Yoga**
2.30/3.40 hrs lab
Units: 0.50/1.00
Advisory: Medical check within the last year
Accepted For Credit: CSU and UC
This course will explore the philosophies and positions related to Yoga Fundamentals. In addition, concepts of meditation will be introduced. Repeatable = 3 times (GC)
- PE-377A2/A3 Pilates**
2.30/3.40 hrs lab
Units: 0.50/1.00
Accepted For Credit: CSU and UC
This course will allow the student to increase their strength, flexibility, stamina, and concentration through the use of floor exercise. This technique driven class will introduce positions such as the 100's, roll downs, table tops, and rockers. Repeatable = 3 times (GC)
- PE-380 Sports Injury Rehabilitation**
6.80 hrs lab
Units: 0.00
Advisory: Instructor referral
This course will provide individualized rehabilitation programs for athletic injuries. Exercises to increase joint range of motion, muscle strength, muscle endurance, agility, and speed will be utilized to assist athletes in rehabilitating their athletic injuries. Repeatable = 3 times (NG)
- PE-381 Clinical Experiences in Sports Medicine I**
3.40 hrs lab
Units: 1.00
Advisory: PE-257
Accepted For Credit: CSU
This course provides students with practical exposure to the athletic training room setting. Students will participate in the treatment, evaluation, and rehabilitation of student athletes injured during practice or competition. Students will practice the application of athletic training procedures according to protocols established by the athletic trainer. Repeatable = 3 times (CR)
- PE-382 Clinical Experiences in Sports Medicine II**
6.80 hrs lab
Units: 2.00
Advisory: PE-257
Accepted For Credit: CSU
This course provides students with practical exposure to the athletic training room setting. Students will participate in the treatment, evaluation, and rehabilitation of student athletes injured during practice or competition. Students will practice the application of athletic training procedures according to protocols established by the athletic trainer. Repeatable = 3 times (CR)
- PE-393A2/A3 Adaptive Physical Education - Strength Training**
2.30/3.40 hrs lab
Units: 0.50/1.00
Prerequisite: Statement from student's physician stating medical limitations
Accepted For Credit: CSU and UC
Individualized course designed to meet physical needs of physically limited student. Recommended for disabled students. (GC)

- PE-394A2/A3 Adaptive Physical Education-Aquatics**
2.30/3.40 hrs lab
Units: 0.50/1.00
Prerequisite: Statement from student's physician stating medical limitations
Accepted For Credit: CSU and UC
This course is designed to meet the needs of the physically limited student in a physical education program. Individualized aquatic programs allow participation for recreation value. (GC)
- PE-396A2/A3 Adaptive Physical Education-Striding**
2.30/3.40 hrs lab
Units: 0.50/1.00
Prerequisite: Statement from student's physician stating medical limitations
Accepted For Credit: CSU and UC
This course is designed to meet the needs of the physically limited student in a physical education program. Individualized cardiovascular conditioning and gradual endurance exercises allow participation for recreational value. (GC)
- PE-397A2 Adaptive Physical Education - Exercise**
2.30 hrs lab
Units: 0.50
Prerequisite: Statement from student's physician stating medical limitations
Accepted For Credit: CSU and UC
This course is designed to meet the needs of the physically limited student in a physical education program. Individualized fitness and general exercising allows participation for recreational value. (GC)

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PHYSICAL SCIENCE

Division: Math, Science, and Technology

- PHS-135 Physical Science**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course explores a variety of physical science topics (focus on solid matter) through laboratory investigation. (GR)

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PHYSICAL THERAPY ASSISTANT

Division: Health and Exercise Sciences

- PTA-101 Introduction to Physical Therapy**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: BIOL-103A and BIOL-103B
Accepted For Credit: CSU
This course introduces students to the field of physical therapy by covering the history and ethics of the profession as they relate to the health care system. It will cover the development of the team approach in health care delivery, philosophies of rehabilitation, patient relationships, and the psychosocial impact of illness and injury. Also emphasized is the scope of practice of the physical therapist assistant. Course content includes observational experiences in patient care settings. (GR)

- PTA-102 Pathology**
3.40 hrs lecture
Units: 3.00
Prerequisite: Admission to the PTA Program: all graded PTA courses must be passed with a grade of C or better.
Accepted For Credit: CSU
This course introduces common pathological conditions with emphasis on the following systems: musculoskeletal, circulatory, respiratory, gastrointestinal, and genitourinary. The role of physical therapy in the treatment of these conditions is covered, as well as, interventions commonly performed by the physical therapist assistant. (GR)
- PTA-103 Kinesiology I**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Admission to the PTA program: all graded PTA courses must be completed with a grade of C or better.
Accepted For Credit: CSU
This course deals with the biomechanical principles of the trunk and lower extremities. It includes the kinesiological functions of muscles and muscle groups. Clinical manifestations of muscle dysfunction are covered, as well as techniques for joint measurement. Assessment by manual muscle testing and gait analysis is also covered. (GR)
- PTA-104 Kinesiology II**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Admission to the PTA program; PTA-103. All graded PTA courses must be passed with grade of C or better.
Accepted For Credit: CSU
This course is a continuation of Kinesiology I and deals with the biomechanical principles of the cervical, upper extremities, and thoracic area of the body. It includes the kinesiological functions of muscles and muscle groups. Clinical manifestations of muscle dysfunction are covered, as well as techniques for joint measurement. Assessment by manual testing and activities of daily living are presented. (GR)
- PTA-105A Therapeutic Exercise I**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Admission into PTA program, PTA-102, PTA-103. All graded PTA courses must be completed with a grade of C or better.
Corequisite: PTA-104, PTA-106
Accepted For Credit: CSU
This course teaches the use of exercise as a preventative and rehabilitative modality for the treatment of pathological conditions. Emphasis is placed on the design and application of exercise programs to improve, maintain, and offset the effects of various pathological conditions on the body. (GR)
- PTA-105B Therapeutic Exercise II**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: Admission into the PTA program; PTA-105A. All graded PTA courses must be passed with a grade of C or better.
Corequisite: PTA-108
Accepted For Credit: CSU
This course is a continuation of PTA-105A. The emphasis is on rehabilitation exercise programs, testing, and documentation. Programs on balance training, work hardening, water as rehabilitation medium, and specific orthopedic and amputee rehabilitation programs are demonstrated and discussed. (GR)
- PTA-106 Orthopedics**
2.30 hrs lecture
Units: 2.00
Prerequisite: Admission into the PTA program, PTA-102, PTA-103. All graded PTA courses must be passed with a grade of C or better.
Accepted For Credit: CSU
This course presents the effects of disease and trauma on the musculoskeletal system and orthopedic problems encountered by the physical therapist assistant in the hospital and out-patient setting. Signs and symptoms, surgical intervention, treatment regimens, and implications for rehabilitation are all covered in this class. (GR)
- PTA-107A Clinical Practicum I**
3.40 hrs lab
Units: 1.00
Prerequisite: Admission to the PTA Program; PTA-102A, PTA-103, and PTA-105A. All graded PTA courses must be passed with a grade of C or better.
Corequisite: PTA-104, PTA-106
Accepted For Credit: CSU
This course gives the student initial exposure to physical therapy treatment procedures in the clinical setting with patients experiencing disability of the peripheral and central nervous systems. Students will practice application of physical therapy procedures according to the protocols of the clinical facility. Students will learn the process of communication with patients and therapists. The clinical experience includes initial patient contact, patient set-up, and the administration of modalities under the auspices of the physical therapist clinical instructor. The practicum setting involves training in one or more physical therapy settings as designed by the instructor. Repeatable = 1 time (CR)
- PTA-107B Clinical Practicum II**
6.80 hrs lab
Units: 2.00
Prerequisite: PTA-107A
Corequisite: PTA-105B, PTA-108
Accepted For Credit: CSU
This course is designed to teach students the necessary skills for physical therapy patient care and to build on the skills and knowledge learned in PTA-107A. These skills include active, passive, and resistive exercise programs as well as continued practice in application of thermal-based modalities, gait, and transfer training. Students will learn fundamental procedures for the principles of clinical education from direct teaching through in-service mechanism. Laboratory experiences may include opportunities to practice in more than one setting as designed by the instructor. Repeatable = 1 time (CR)
- PTA-107C Clinical Practicum III**
6.80 hrs lab
Units: 2.00
Prerequisite: PTA-107B
Corequisite: PTA-109, PTA-110, PTA-111
Accepted For Credit: CSU
This course is a continuation of the clinical education of the physical therapist assistant. It builds on the skills learned in PTA-107B. This course focuses on the collection and interpretation of clinical data and includes exposure to various testing devices for strength, balance, and coordination. Students are expected to adjust patient treatment plans based on the test results and to communicate these to the clinical instructor for the purpose of modifying treatment plans. Students will conduct a workplace or practice analysis to consider the structure and function of the clinical setting. This evaluation will include such factors as patient referral patterns, time management, staff utilization, and marketing plans. The purpose of the exercise is to acquaint students with fiscal and management considerations in the health care delivery system. Laboratory experiences may include opportunities in more than one setting, as designated by the instructor. Repeatable = 1 time (CR)

- PTA-108** **Advanced Modalities**
1.80 hrs lecture, 1.80 hrs lab
Units: 2.00
Prerequisite: Admission to PTA Program; PTA-101
Accepted For Credit: CSU
This course deals with specific advanced physical therapy procedures which are employed in the physical therapy clinic, including paraffin bath, various types of electrical stimulation (TNS, Micro Current, Interferential, Premodulated, Russian, Galvanic, Iontophoresis, and HFS), and various light spectrum modalities (Ultra-violet and Infrared); and electromyography for biofeedback. (GR)
- PTA-109** **Physical Therapy Through the Life Span**
1.80 hrs lecture, 1.80 hrs lab
Units: 2.00
Prerequisite: Admission to PTA program; PTA-105A, PTA-105B, and PTA-106
Accepted For Credit: CSU
This course will introduce students to the role of physical therapy treatment as it applies to the developmental process from gestation through aging. Emphasis is placed on neurodevelopmental techniques used for abnormal development in infants and children, as well as treatment protocols for patients with neurologic or musculoskeletal disorders. The aging process will be covered with concentration on the effects of exercise and activity on improving the quality of life of the individual. Repeatable = 1 time (GR)
- PTA-110** **Neurological Disorders**
1.80 hrs lecture, 1.80 hrs lab
Units: 2.00
Prerequisite: Admission to the PTA program; PTA-105A, PTA-105B, PTA-107A, and PTA-107B
Accepted For Credit: CSU
This course is intended to increase students' knowledge of the anatomy and physiology of the human nervous system including the central, peripheral, and autonomic nervous systems. Emphasis is placed on the clinical manifestations of disease or injury to the nervous system as it relates to the clinical picture of the physical therapy patient. (GR)
- PTA-111** **Advanced Procedures**
1.80 hrs lecture, 1.80 hrs lab
Units: 2.00
Prerequisite: Admission to PTA Program; PTA-101
Accepted For Credit: CSU
This course is a continuation of clinical procedures mastered in PTA-108, Advanced Modalities. This course is an introduction to the application of orthotic and prosthetic devices. Included in the course is a discussion and demonstration of the types of devices utilized in the treatment of the disabled individual, as well as procedures commonly used in the maintenance, donning, and removal of these devices. Students will learn how to instruct and prepare the patient to utilize this specialized equipment. Problem solving will be utilized in assisting students to apply standardized practices to meet individual patient needs. (GR)
- PTA-112** **Clinical Affiliation**
13.50 hrs lab
Units: 4.00
Prerequisite: PTA-107A, PTA-107B, and PTA-107C
Accepted For Credit: CSU
This course is the culmination of all previous clinical experiences. Under the guidance of the clinical instructor, students will utilize knowledge gained in the previous four semesters to deliver physical therapy care to patients experiencing simple to complex diagnosis. Students will be expected to participate in the clinic setting by rendering modality treatments, work with patients on activities of daily living, initiate proper application of orthotic and prosthetic devices, and test and interpret results from functional and objective testing, as well as perform documentation and assist with discharge planning. Laboratory experiences may include training in more than one setting as designated by the instructor. Repeatable = 1 time (CR)

- PTA-119** **Sports Performance Testing**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Cross-referenced Course: PE-256
Prerequisite: Acceptance in PTA program
Accepted For Credit: CSU
This course is intended to cover assessment methods commonly used to evaluate athletic ability. It will cover anaerobic testing methods used to establish baseline, normative, and developmental data. Testing for specific sports such as basketball, football, soccer, and tennis is also covered. Repeatable = 1 time (GR)
- PTA-120** **Anatomy of Bio-Mechanics**
3.00 hrs lecture, 1.80 hrs lab
Units: 3.00
Advisory: BIOL-104
Accepted For Credit: CSU
Course content includes origins, insertions, and functions of the muscular system; neural pathways, circulation patterns; joint function; and the biomechanics of muscle tissue, bone, and connective tissues. The course is designed to prepare students for Allied Health Professions where a solid understanding is required for success in subsequent courses. Examples of such professions included PTA, athletic training, personal training, dance therapy, acupressure, and massage therapy. (GR)
- PTA-140** **PTA Licensure Preparation**
3.40 hrs lab
Units: 1.00
This course is designed to assist students in preparation to sit for licensure as a physical therapist assistant. Content, scope, and format of both the National PTA Licensure Exam and the California PT Laws and Regulations Exam will be addressed. Additionally, test-taking skills, study skills, content review, and self-assessment exercises will be used to facilitate preparation for these examinations. Not applicable to associate degree. Repeatable = 1 time (CR)
- PTA-150** **Medical Ethics and Healthcare in the United States**
3.40 hrs lecture
Units: 3.00
Investigation of current medical ethics and bioethics topics relevant to the allied health fields, as well as analysis of health care delivery systems, reimbursement models, and funding issues seen in health care in the United States. Repeatable = 2 times (GC)
- PTA-365** **Supervised Tutoring**
11.80 hrs lab
Units: 0.00
Prerequisite: Instructor or counselor referral
This course provides students with individualized tutoring. It assists students to develop a learning methodology and skill enhancement in a subject. It may include consultation with skills lab coordinator and supervised tutoring and/or student tutors. Repeatable = 3 times (NG)

A student uses the technology in the Adaptive Technology Center.

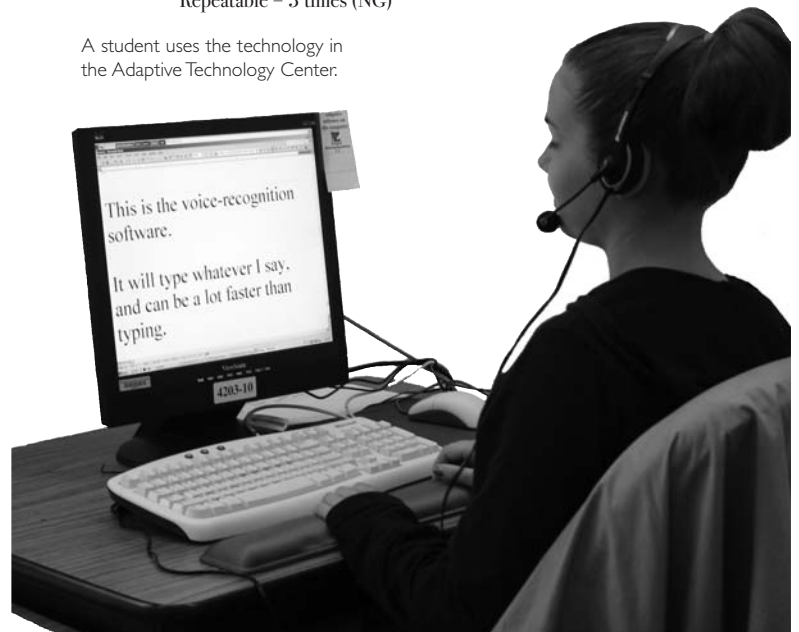


Photo courtesy of College Relations

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PHYSICS

Division: Math, Science, and Technology

- PHYS-108 Survey of Physics**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B, ENGL-163, MATH-151
Accepted For Credit: CSU and UC
This is a general education course for non-science majors that gives a non-mathematical survey of physics, exploring the basic principles of mechanics, electromagnetism, quantum mechanics, relativity, and recent developments. Demonstrations are used extensively. (GC)
- PHYS-120 Introduction to Physics I**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Prerequisite: MATH-181
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course is a study of Newtonian mechanics, energy and transformations, gases, liquids, and solids. Periodic motion and waves will also be studied. (GR) (CAN PHYS 2 or PHYS-120 + PHYS-121 = CAN PHYS SEQ A)
- PHYS-120A Introduction to Physics - Calculus Supplement**
1.20 hrs lecture
Units: 1.00
Prerequisite: MATH-101A or equivalent
Corequisite: PHYS-120
Accepted For Credit: CSU and UC
This is an introduction to basic concepts of Calculus with applications to Physics Mechanics. (GR)
- PHYS-121 Introduction to Physics II**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Prerequisite: PHYS-120
Accepted For Credit: CSU and UC
This course is a continuation of PHYS-120 and covers light and optics, electricity, magnetism, and modern physics. (GR) (CAN PHYS 4 or PHYS-120 + PHYS-121 = CAN PHYS SEQ A)
- PHYS-121A Introduction to Physics II - Calculus Supplement**
1.20 hrs lecture
Units: 1.00
Prerequisite: MATH-101A and PHYS-120 or equivalent
Accepted For Credit: CSU and UC
This is an introduction to Calculus as applied to problems of electromagnetism. (GR)
- PHYS-131D Review of Physics Concepts**
1.20 hrs lecture
Units: 1.00
Corequisite: Concurrent enrollment in PHYS-103 or 120 or 121 or 140 or 141 or 142
This is an introduction to study techniques and more in-depth discussions of physics principles and problem-solving. This course is designed to review the material covered in selected Physics course(s) taken concurrently. Not applicable to associate degree. Repeatable = 3 times (CR)

PHYS-140**Mechanics**

3.40 hrs lecture, 3.40 hrs lab
Units: 4.00

Prerequisite: MATH-101A with grade of C or better
Corequisite: MATH-101B
Accepted For Credit: CSU and UC

A mathematical introduction to vectors (projections, addition/subtraction, scalar and vector product) is offered as the necessary framework for calculations in Newtonian mechanics. The basic vector and scalar quantities used in the description of motion (position, displacement, velocity, and acceleration) are introduced first, allowing for a kinematical description of motion. Formulas are derived, involving the aforementioned quantities for one-dimensional motion as well as two-dimensional projectile and circular motion. Force and mass, momentum, work and impulse, kinetic and potential energy and momentum, torque and moment of inertia) are analyzed conceptually and are used to build up the basic formulas from point-mass or extended rigid object dynamics (Newton's laws of motion, work-energy and impulse- momentum theorem). Different types of motion and new types of forces are analyzed throughout the course using the new concepts (projectile motion due to gravitational force; circular motion due to tension, friction or normal forces; mass-pulley coupled motion problems; collisions due to contact forces; harmonic motion due to spring force; rigid object rotational motion and internal forces; general law of gravity and satellite motion; fluid statics and buoyant force; fluid motion due to pressure difference; and wave motion and superposition and interference of waves if time permits). (GR) (CAN PHYS 8 or PHYS-140 + PHYS-141 + PHYS-142 = CAN PHYS SEQ B)

PHYS-141**Electricity and Magnetism**

3.40 hrs lecture, 3.40 hrs lab
Units: 4.00

Prerequisite: PHYS-140
Corequisite: MATH-101C
Accepted For Credit: CSU and UC

This course is a study of electric and magnetic fields, simple DC and AC circuits, and electromagnetic waves. (GR) (CAN PHYS 12 or PHYS-140 + PHYS-141 + PHYS-142 = CAN PHYS SEQ B)

PHYS-142**Optics, Heat, and Modern Physics**

3.40 hrs lecture, 3.40 hrs lab
Units: 4.00

Prerequisite: PHYS-140
Corequisite: MATH-101C
Advisory: PHYS-141
Accepted For Credit: CSU and UC

A review of wave physics is offered to introduce physical optics (interference, diffraction, polarization) and to prepare for quantum physics. The basic principles of quantum physics (wave-particle duality, uncertainty principle, wave functions and probability interpretation, Schrodinger's wave equation and quantification) are covered. Wave mechanical calculations are performed on a few simple systems (free and trapped electron, harmonic oscillator) in order to illustrate energy quantification and tunneling. In special relativity, the historical significance of speed of light measurements is discussed in order to understand Einstein's postulates of special relativity and contrast them with Newtonian relativity. Then appropriate thought experiments are used to establish time dilation, length contraction, and relativistic expressions for Newton's second law, momentum, acceleration, total kinetic energy. In geometrical optics, the laws of reflection and refraction and their application to optical instruments containing lenses and mirrors are covered. In thermal physics, the concept of temperature and its meaning in kinetic gas theory is highlighted. A phenomenological study of thermal energy transfer and of the laws of thermodynamics is offered. If time permits, a descriptive overview of the big bang theory is presented, incorporating results from elementary particle physics, nuclear and general relativity. Labs in wave physics and optics as well as in atomic physics are available. (GR) (CAN PHYS 14 or PHYS-140 + PHYS-141 + PHYS-142 = CAN PHYS SEQ B)

PHYS-190 Scientific Research Methodology
 0.60 hrs lecture, 1.80 hrs lab
 Units: 1.00
 Cross-referenced Course: CHEM-190, GEOL-190, BIOL-190, ENGL-190, CS-190
 Prerequisite: Consent of instructor
 Advisory: MATH-188; major in science, technology, engineering, or math

This course introduces students to scientific research methods. It includes hypothesis writing, variable identification, experimental design, literature reviews, data interpretation and analysis, research proposal preparation, and presentation of scientific papers. (GR)

PHYS-365 Supervised Tutoring
 6.80 hrs lab
 Units: 0.00
 Prerequisite: Instructor or counselor referral

This course provides students with individualized tutoring. It assists students to develop a learning methodology in a subject. It includes diagnosis and consultation with tutorial coordinator and supervised tutoring by part-time instructional aides and/or student tutors. (NG)

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POLITICAL SCIENCE

Division: Language Arts, Library, and Social Studies

PS-102 American Government
 3.40 hrs lecture
 Units: 3.00
 Advisory: Eligible for ENGL-101A
 Accepted For Credit: CSU and UC

This course presents the nature of the constitutional government in America and the theory and practices of democracy. It emphasizes problems of individual rights, popular representation, and responsible leadership at the federal, state, and local levels. (GC) (CAN GOVT 2)

PS-103 International Relations
 3.40 hrs lecture
 Units: 3.00
 Advisory: Eligible for ENGL-101A
 Accepted For Credit: CSU and UC

This course is an analytical study of the relations between nations. The nation-state system, international ethics, national capability components, the international struggle for power, the international struggle for order, and the future world order will be discussed. (GC)

PS-105 Comparative Government
 3.40 hrs lecture
 Units: 3.00
 Advisory: Eligible for ENGL-101A
 Accepted For Credit: CSU and UC

This course offers a comparative study of contemporary forms of governments, institutions, and political problems of selected national governments; i.e., Great Britain, France, Germany, and the Soviet Union. This course emphasizes changing and emergent post-war governments. (GC)

PS-365 Supervised Tutoring
 6.80 hrs lab
 Units: 0.00
 Prerequisite: Instructor or Counselor referral

This course provides students with individualized tutoring. It assists students to develop a learning methodology in a subject. It includes diagnosis and consultation with tutorial coordinator and supervised tutoring by part-time instructional aides and/or student tutors. Repeatable = 3 times (NG)

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PSYCHOLOGY

Division: Language Arts, Library, and Social Studies

PSY-101 General Psychology
 3.40 hrs lecture
 Units: 3.00
 Advisory: Eligible for ENGL-151B and ENGL-163
 Accepted For Credit: CSU and UC

This course is an introduction to the study of behavior and includes perception, motivation, intelligence, learning, memory, development, adjustment, personality, mental health, and the social and biological bases of behavior. (GC) (CAN PSY 2)

PSY-102 Introduction to Experimental Psychology
 3.40 hrs lecture
 Units: 3.00
 Advisory: ENGL-101A
 Accepted For Credit: CSU and UC

This course is an introduction to the theory and application of the scientific method in the study of animal and human behavior. The emphasis is on experimental procedures and data collection, research design, data analysis, presentation, and research report writing. (GC)

PSY-104 Murder in America
 3.40 hrs lecture
 Units: 3.00
 Cross-referenced Course: AJ-119
 Advisory: Eligible for ENGL-101A
 Accepted For Credit: CSU

This course surveys the psychological and criminological aspects of murder in America, including serial killers, mass murders, and terrorism. (GR)

PSY-105 Child Development
 3.40 hrs lecture
 Units: 3.00
 Advisory: Eligible for ENGL-151B and ENGL-163
 Accepted For Credit: CSU and UC

This course is a survey of development from conception through late childhood including the study of prenatal, physical, cognitive, moral, personal, social, and language development. This course includes a study of the many issues involved in this developmental period with special emphasis on the contexts in which they occur: family, peers, school, and culture. (GC)

PSY-106 Adolescent Development
 3.40 hrs lecture
 Units: 3.00
 Advisory: Eligible for ENGL-151B and ENGL-163
 Accepted For Credit: CSU and UC

This course is a study of human development during adolescence with an emphasis on social, emotional, biological, intellectual, and personality development. This course includes a study of the many issues involved in this development period with special emphasis on the context in which they occur: family, peers, school, and culture. (GC)

PSY-108 A Survey of Human Development
 3.40 hrs lecture
 Units: 3.00
 Advisory: Eligible for ENGL-151B and ENGL-163
 Accepted For Credit: CSU and UC

This course is a study of human development from conception to death with an emphasis upon understanding events unique to each stage. (GC)

- PSY-110 Psychology of Human Relations**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This is a practical course concerned with the principles of human psychology applied to understanding the self and others. Group and individual experience is provided. (GC)
- PSY-112 Social Psychology**
3.40 hrs lecture
Units: 3.00
Advisory: PSY-101 and ENGL-101A
Accepted For Credit: CSU
A scientific study of the ways in which individuals are affected by social situations. Current theory and research on interpersonal attraction, prejudice and discrimination, attitude change, power, leadership and control will be examined. (GC)
- PSY-114 Introduction to Paraprofessional Counseling**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Cross-referenced Course: PD-114
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This course is designed for students who are interested in learning basic counseling theories, skills, and ethics. Training will emphasize crisis intervention, active listening, and other skills which are necessary for effective interpersonal communication. Includes supervised experience on campus and in the community. (GC)
- PSY-115 Abnormal Psychology**
3.40 hrs lecture
Units: 3.00
Advisory: PSY-101; eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course introduces students to the major theoretical perspectives of psychopathology. It examines the categories of psychological disorders, their etiology, assessment of the disorders, current treatment methods, and possible causes of abnormal behavior. (GR)
- PSY-120 Biological Psychology**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course focuses on the human nervous system and how it functions to affect behavior. Topics include brain structure, specialization of brain functions, neural development and communication, brain-endocrine interactions, neuroplasticity, brain damage, methods of biopsychology, and the brain mechanisms associated with perception, stress, language, motivation, and memory. (GC)
- PSY-139 Psychology in the Workplace**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: BA-139
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU
This course applies principles of psychology to the workplace. Topics include combination skills, stress, cultural diversity, teamwork, understanding self and others, motivation, leadership, and other factors crucial to functioning effectively in the workplace. (GC)

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REAL ESTATE

Division: Fine Arts, Business, and Broadcasting

- RE-117 Computer Applications in Real Estate**
1.80 hrs lecture, 5.40 hrs lab
Units: 3.00
Advisory: Eligible for ENGL-151B
This course provides students with classroom and laboratory experience in computer applications and their use in real estate industry. Students learn how computer applications and technology enhance one's ability to engage in real estate practices. Students use software programs to perform tasks in word processing, spreadsheet, presentation, database, project/time management and Web page creation. Software in the areas of real estate finance, real estate appraisal, property management, and residential sales are demonstrated. Students learn about the different types of computer and hardware devices. Students will utilize the internet as a research and marketing tool. (GR)
- RE-121 Real Estate Principles**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU
This is a fundamental real estate course covering basic laws and principles of California real estate. It provides background and terminology necessary for advanced study in specialized courses and is required in order to qualify for the real estate sales license examination. (GC)
- RE-122 Real Estate Practice**
3.40 hrs lecture
Units: 3.00
Prerequisite: RE-121 or a valid real estate license
Accepted For Credit: CSU
The day-to-day business of real estate including how to do listings, deposit receipts, open escrows, and obtain financing will be covered. This course is one of the required courses for the broker's examination. (GC)
- RE-124 Legal Aspects of Real Estate**
3.40 hrs lecture
Units: 3.00
Advisory: RE-121 or valid real estate license
Accepted For Credit: CSU
This course is a study of California real estate law including rights incident to property ownerships and management, agency, contracts, and application of real estate transfer. Specific topics include conveyance, probate proceedings, trust deeds, foreclosure, and recent legislation governing real estate transactions. This course is one of the required courses for the broker's license examination. (GC)
- RE-126 Real Estate Finance**
3.40 hrs lecture
Units: 3.00
Advisory: RE-121 or valid real estate license
Accepted For Credit: CSU
This real estate course covers the various types of lenders, their policies, and the market they serve. An in-depth analysis of the secondary market will be covered. This is one of the required courses for the broker's examination. (GC)
- RE-128 Real Estate Appraisal**
3.40 hrs lecture
Units: 3.00
Prerequisite: RE-121 or valid real estate license
Accepted For Credit: CSU
An introductory course covering the purposes of appraisals; the appraisal process; and the different approaches, methods, and techniques used to determine the value of various types of property. This is one of the required courses for the broker's license examination. Repeatable = 1 time (GC)

- RE-131 Mortgage Loan Brokering and Lending**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-151B
This course introduces students to the aspects of mortgage brokering operations including office setup, loan processing, lending regulations, types of loans, A to D paper, loan submission, quality control, FICO credit scoring, loan packaging, shipping, and mortgage math. Repeatable = 2 times (CC)
- RE-145 Escrow Procedures**
3.40 hrs lecture
Units: 3.00
Advisory: RE-121, valid real estate license, or escrow employment
This course is a study of the escrow company and its role in the transfer of real property with emphasis on the legal aspects, the requirements of a valid escrow and the practical use of such companies in the real estate industry. (CC)
- RE-149 Real Estate Property Management**
3.40 hrs lecture
Units: 3.00
Advisory: RE-121 or valid real estate license
Accepted For Credit: CSU
This course studies the day-to-day problems encountered by owners and managers of residential income properties. The application of sound business principles in the pursuit of operational effectiveness is emphasized. (CC)
- RE-195A1 Work Experience Education - Vocational**
4.70 hrs lab
Units: 1.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (CC)
- RE-195A2 Work Experience Education - Vocational**
9.40 hrs lab
Units: 2.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (CC)
- RE-195A3 Work Experience Education - Vocational**
14.10 hrs lab
Units: 3.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in a job directly related to a major. Units received are based on hours worked. (CC)
- RE-195A4 Work Experience Education - Vocational**
18.80 hrs lab
Units: 4.00
Advisory: Refer to Work Experience Education Department Notes
Accepted For Credit: CSU
Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (CC)

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RESPIRATORY THERAPY

Division: Health and Exercise Sciences

- RT-101 Principles of Respiratory Therapy I**
3.40 hrs lecture
Units: 3.00
Prerequisite: Admission to the RT program; MATH-151; CHEM-106A or equivalent
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU
This course presents basic theory and rationale for respiratory care. It includes history and organization of respiratory therapy services, basic cardiopulmonary anatomy and physiology, and medical gas therapy and introduction to respiratory pathophysiology. (GR)
- RT-101L Beginning Clinical Practice**
3.40 hrs lab
Units: 1.00
Prerequisite: Admission to the RT program
Accepted For Credit: CSU
This course introduces students to the care of patients requiring respiratory therapy modalities. It also covers beginning level assessment skills, patient interviewing techniques, and the establishment and monitoring of therapeutic equipment systems. Repeatable = 1 time (CR)
- RT-102 Beginning Laboratory**
6.80 hrs lab
Units: 2.00
Prerequisite: Admission to the RT program
Accepted For Credit: CSU
This course provides laboratory practice of beginning-level therapist skills including administration of medical gases, medicated aerosols, and incentive spirometry techniques. Repeatable = 1 time (CR)
- RT-103 Basic Patient Care**
1.80 hrs lab
Units: 0.50
Prerequisite: Admission to the RT program
Accepted For Credit: CSU
This course provides simulated practice of patient care skills in a multimedia setting. Repeatable = 1 time (CR)
- RT-104A Principles of Respiratory Therapy II**
3.40 hrs lecture
Units: 3.00
Prerequisite: Admission to the RT program; completion of semester 1 of RT program
Accepted For Credit: CSU
This course is designed to study hyperinflation therapy, principles of humidification and aerosol therapy, chest assessment, cardiac anatomy and physiology, and acid base balance. Repeatable = 1 time (GR)
- RT-104B Principles of Respiratory Therapy III**
3.40 hrs lecture
Units: 3.00
Prerequisite: Admission to the RT program; completion of semester 1 of RT program.
Accepted For Credit: CSU
This course includes study of advanced respiratory physiology including oxygenation and hypoxia and interpretation of arterial blood gas analysis. It includes respiratory care modalities of lung expansion therapy, interpretation of cardiopulmonary patient assessments and documentation of therapy delivered, and methods of equipment cleaning and sterilization. (GR)

- RT-105A Intermediate Laboratory I**
3.40 hrs lab
Units: 1.00
Prerequisite: Admission to the RT program; completion of semester 1 of RT program
Accepted For Credit: CSU
This course provides laboratory practice of intermediate-level therapist skills including chest assessment, hyperinflation therapy, chest physical therapy, and airway management. Repeatable = 1 time (CR)
- RT-105B Intermediate Laboratory II**
1.80 hrs lab
Units: 0.50
Prerequisite: Admission to the RT program; completion of semester 1 of RT program
Accepted For Credit: CSU
This course provides laboratory practice of intermediate-level therapist skills especially those related to artificial ventilation. Repeatable = 1 time (CR)
- RT-106 Intermediate Clinical Practice**
6.80 hrs lab
Units: 2.00
Prerequisite: Admission to the RT program; completion of semester 1 of RT program
Accepted For Credit: CSU
This is a supervised clinical experience course at area hospitals. It emphasizes the practice of beginning and intermediate-level problem-solving and technical skills including assessment, oxygen therapy, humidity and aerosol administration, and chest physical therapy; or hyperinflation therapy, airway management, and beginning artificial ventilation. Repeatable = 1 time (CR)
- RT-107 Intermediate Clinical Practice**
13.50 hrs lab
Units: 4.00
Prerequisite: Admission to the RT program; completion of semester 1 of RT program
Accepted For Credit: CSU
This is a supervised clinical experience course at area hospitals. It emphasizes the practice of beginning and intermediate-level problem-solving and technical skills including assessment, oxygen therapy, humidity and aerosol administration, chest physical therapy, hyperinflation therapy, airway management and beginning artificial ventilation. Repeatable = 1 time (CR)
- RT-108 Basic Principles of Respiratory Pathophysiology**
1.20 hrs lecture
Units: 1.00
Prerequisite: Admission to the RT program; completion of semester 1 of RT program
Accepted For Credit: CSU
This course emphasizes the principles of common pathophysiologic conditions encountered by respiratory therapy practitioners. Repeatable = 1 time (CR)
- RT-130A Advanced Respiratory Therapy I**
3.00 hrs lecture
Units: 2.50
Prerequisite: Admission to RT program; completion of first year of RT program.
Accepted For Credit: CSU
This course provides an introduction to the theory of advanced respiratory care with emphasis on refinement of patient assessment techniques, problem solving ability, and development of sound clinical judgments. Repeatable = 1 time (GR)
- RT-130B Advanced Respiratory Therapy II**
1.80 hrs lecture
Units: 1.50
Prerequisite: Admission to the RT program; completion of semesters 1, 2, and 3 of RT program
Accepted For Credit: CSU
This course presents concepts of advanced respiratory care with emphasis on recognition, interpretation, and treatment of cardiopulmonary anatomical and physiological alterations of the body as a consequence of disease or trauma. Repeatable = 1 time (CR)
- RT-130L Advanced Clinical Practice**
6.80 hrs lab
Units: 2.00
Prerequisite: Admission to RT program; completion of first year of RT program.
Accepted For Credit: CSU
This is a supervised clinical experience course at area hospitals. It emphasizes the practice of advanced-level technical skills including procedures employed in emergency care situations, artificial airway maintenance and discontinuance, arterial blood sampling measurements, and initiation and termination of mechanical ventilatory life support. Repeatable = 1 time (CR)
- RT-131A Principles of Mechanical Ventilation I**
3.00 hrs lecture
Units: 2.50
Prerequisite: Admission to RT program; completion of first year of RT program.
Accepted For Credit: CSU
This course presents the scientific basis for continuous mechanical ventilatory interventions employed in clinical practice of respiratory care with an emphasis on classification, selection, setup, maintenance, complications, adjuncts to and discontinuance of mechanical ventilatory life support. Repeatable = 1 time (GR)
- RT-131B Principles of Mechanical Ventilation II**
3.00 hrs lecture
Units: 2.50
Prerequisite: Admission to the RT program; completion of semesters 1, 2, and 3 of RT program
Accepted For Credit: CSU
This course presents special problems in mechanical ventilation as they apply to specific disease entities and trauma and emphasizes interpretation of hemodynamics and pulmonary monitoring systems on the patient requiring cardiovascular and respiratory life support. Repeatable = 1 time (GR)
- RT-132 Advanced Laboratory**
3.40 hrs lab
Units: 1.00
Prerequisite: Admission to the RT program; completion of first year of RT program
Accepted For Credit: CSU
This course provides laboratory practice of advanced respiratory therapy skills including establishment, stabilization, maintenance, and discontinuance of endotracheal and tracheotomy tubes; arterial blood sampling techniques; radiographic and electrocardiogram interpretation; and invasive and non-invasive monitoring. Repeatable = 1 time (CR)
- RT-133 Mechanical Ventilation Laboratory**
5.40 hrs lab
Units: 1.50
Prerequisite: Admission to the RT program; completion of first year of RT program.
Accepted For Credit: CSU
This course provides laboratory practice of advanced level therapist skills related to the application of mechanical ventilation including ventilator readiness, circuit changes, maintenance, and adjunctive procedures. Repeatable = 1 time (CR)

- RT-134 Neonatal and Pediatric Respiratory Care**
1.20 hrs lecture
Units: 1.00
Prerequisite: Admission to the RT program; completion of first two semesters of RT program; BIOL-104, BIOL-106, or BIOL-107 with grade of C or better; PHYS-108 with grade of C or better
Accepted For Credit: CSU
This course addresses fetal development and special problems in the adaptation of respiratory care procedures and techniques to the needs of the neonatal and developing child. Repeatable = 1 time (GR)
- RT-134L Clinical Practicum in Neonatal and Pediatric Respiratory Care**
5.40 hrs lab
Units: 1.50
Prerequisite: Admission to the RT program; completion of first two year of the RT program; BIOL-104, BIOL-106, or BIOL-107 with a grade of C or better; PHYS-108 with grade of C or better
Accepted For Credit: CSU
This course offers clinical application of respiratory care procedures and techniques to the needs of the premature ill neonate and developing child. Repeatable = 1 time (CR)
- RT-135 Computer Simulation for Respiratory Care**
1.80 hrs lab
Units: 0.50
Prerequisite: Admission to the RT program; completion of semesters 1, 2, and 3 of RT program.
This course prepares students for the Respiratory Care National Board Clinical Simulation Examination which requires specialized knowledge in solving patient management problems written in a branching logic format. Students will practice basic computer skills involving data entry and retrieval. Repeatable = 2 times (GR)(first time), (CR)(subsequent enrollment)
- RT-136 Critical Care Clinical Practice**
11.80 hrs lab
Units: 3.50
Prerequisite: Admission to the RT program; completion of semesters 1, 2, and 3 of RT program
Corequisite: RT-130B and RT-131B, unless already completed
Accepted For Credit: CSU
This is a supervised clinical experience course at area hospitals. Advanced level respiratory care skills including cardiopulmonary assessment, management, evaluation, and decision-making processes involved in the care of the ICU patient are emphasized. Students in this course practice as a member of the hospital health care team. Repeatable = 1 time (CR)
- RT-137 Home Respiratory Care and Pulmonary Rehabilitation**
0.60 hrs lecture
Units: 0.50
Prerequisite: Admission to the RT program; completion of semesters 1 and 2 of RT program
Accepted For Credit: CSU
This course provides an overview of the respiratory therapist's involvement in the home care industry and rehabilitation of the patient coping with chronic cardiopulmonary disease. Decision making, formulation of care plan, and patient teaching are emphasized in this course. Repeatable = 1 time (GR)
- RT-138 Specialty Rotations in Respiratory Care**
1.80 hrs lab
Units: 0.50
Prerequisite: Admission to the RT program; completion of semesters 1, 2, and 3 of RT program
Accepted For Credit: CSU
This is a supervised clinical experience course at area home care establishments, local hospitals, and pulmonary physicians' office. Students will have the opportunity to select experiences that match their interests including individual rotations with physicians, participation in ongoing pulmonary rehabilitation programs, and visitation of patients receiving respiratory home care. Repeatable = 1 time (CR)

- RT-139 Pulmonary Function Testing**
1.20 hrs lecture
Units: 1.00
Prerequisite: Admission to the RT program
Accepted For Credit: CSU
This course provides an in-depth survey of various pulmonary laboratory methods to detect the presence and degree of respiratory impairment/disease. Repeatable = 1 time (GR)
- RT-139L Clinical Practice in Pulmonary Function Testing**
1.80 hrs lab
Units: 0.50
Prerequisite: Admission to the RT program
Accepted For Credit: CSU
This course provides supervised clinical experience at area hospitals. Various pulmonary laboratory methods for detecting the presence of respiratory impairment/disease are emphasized. Repeatable = 1 time (CR)
- RT-145 Cardio-Pulmonary Resuscitation (CPR) Basic Life Support (BLS)**
0.60 hrs lecture
Units: 0.50
Prerequisite: Admission to RT/RN/PTA program; other students may enroll if space is available
This course meets the American Heart Association requirements for basic life support CPR training for health care professionals only. Repeatable = 1 time (GC)
- RT-365 Supervised Tutoring**
11.80 hrs lab
Units: 0.00
Prerequisite: Instructor or counselor referral
Individualized tutoring to assist students to develop a learning methodology and skills enhancement in a subject. Not applicable to associate degree. Repeatable = 3 times (NG)

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SOCIOLOGY

Division: Language Arts, Library, and Social Studies

- SOC-101 Introduction to Sociology**
3.40 hrs lecture
Units: 3.00
Advisory: ENGL-101A
Accepted For Credit: CSU and UC
This course is an exploration of our culturally diverse society from a multi-perspective approach. Systematic study of social human behavior and human groups with an emphasis on the influence of social relationships on people's attitudes, behaviors, and how societies are established and changed. (GC) (CAN SOC 2)
- SOC-102 Social Problems of a Diverse Society**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This is a social problems course emphasizing the exploration of multicultural issues utilizing basic research methods. It is designed to provide a disciplined approach to investigating and understanding the various facets of our culturally diverse society. (GC)

- SOC-105 Marriage and Family**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course deals with a study of the family as an institution. Emphasis is on developing interpersonal relationships, mate selection, and marital and parental roles. This course will study alternative lifestyles, sex roles in transition, and survey of current literature. (GC)
- SOC-106 Chicano Culture I**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: CHS-101
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course examines the social, cultural, political, and economic heritage of the Chicanos and their contribution to American society. (GR)
- SOC-107 The World of Work**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU
A study of the world of work from its historical development and meaning to its present position in our lives. Work will be examined in relationship to its influence on identity formation, the choice process, standard of living, life style, leisure, retirement, and self-fulfillment. (GC)
- SOC-142 Sociology of Sport**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: PE-242
Accepted For Credit: CSU
This course will examine the history of sport and its political, social, and economic impact on public opinion. This will include an investigation into the phenomenon of sport including cultural stratification, race, gender, education, economics, politics, and the mass media. (GC)

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SPANISH

Division: Language Arts, Library, and Social Studies

- SPAN-101A Elementary Spanish**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is an introduction to the speaking, reading, and writing of Spanish and includes fundamentals of grammar. (GR) (CAN SPAN 2 or SPAN-101A + SPAN-101B = CAN SPAN SEQ A)
- SPAN-101B Elementary Spanish**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Prerequisite: SPAN-101A with grade of C or better or 2 years high school Spanish
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
This course is an introduction to the speaking, reading, and writing of Spanish and includes fundamentals of grammar. It is a continuation of SPAN-101A studies. (GR) (SPAN-101A + SPAN-101B = CAN SPAN SEQ A)

- SPAN-102A Intermediate Spanish**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Prerequisite: SPAN-101B with grade of C or better or 3 years high school Spanish
Accepted For Credit: CSU and UC
This course is a continuation of SPAN-101B. The course includes a review of grammar, composition, conversation, and reading of short stories in Spanish. It also includes an introduction to the literature of Spanish-speaking countries. (GR) (CAN SPAN 8 or SPAN-102A + SPAN-102B = CAN SPAN SEQ B)
- SPAN-102B Intermediate Spanish**
5.70 hrs lecture, 1.20 hrs lab
Units: 5.00
Prerequisite: SPAN-102A with grade of C or better
Accepted For Credit: CSU and UC
This course is a continuation of SPAN-102A. The course includes a review of grammar, composition, conversation, and reading of short stories in Spanish. Introduction to literature of Spanish-speaking countries. (GR) (CAN SPAN 10 or SPAN-102A + SPAN-102B = CAN SPAN SEQ B)
- SPAN-111 Individualized Spanish Lab**
1.80 hrs lab
Units: 0.50
Accepted For Credit: CSU
This course involves individual and independent laboratory studies to increase students' proficiency in oral and written Spanish. Repeatable = 3 times (GR)
- SPAN-112 Individualized Spanish Lab**
3.40 hrs lab
Units: 1.00
Accepted For Credit: CSU
This course involves individual and independent laboratory studies to increase students' proficiency in oral and written Spanish. Repeatable = 3 times (GR)
- SPAN-121A Beginning Conversational Spanish**
3.40 hrs lecture
Units: 3.00
This course teaches essentials in Spanish conversation leading to the development of oral use of the Spanish language in everyday situations. Students will experience extensive oral practice of the language as well as essential grammatical fundamentals. (GC)
- SPAN-121B Beginning Conversational Spanish**
3.40 hrs lecture
Units: 3.00
Prerequisite: SPAN-121A with grade of C or better or 2 years high school Spanish
This course continues the development of Spanish speaking skills through interesting topics of daily life. Students will experience extensive oral practice of the language with further knowledge of grammar. (GC)

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SPEECH AND COMMUNICATION STUDIES

Division: Language Arts, Library, and Social Sciences

- SPCH-101 Introduction to Public Speaking**
3.40 hrs lecture
Units: 3.00
Advisory: Completion of ENGL-151B or BA-116 with grade of C or better, or eligibility for ENGL-101A
Accepted For Credit: CSU and UC
Practice public speaking, including techniques of organization and research methodology. (GR) (CAN SPCH 4)

- SPCH-102 Critical Thinking/Group Decision Making**
3.40 hrs lecture
Units: 3.00
Prerequisite: Completion of ENGL-101A and SPCH-101 with grade of C or better
Accepted For Credit: CSU and UC
This class is the study of decision making. The focus is on critical thinking skills related to inductive and deductive reasoning, integration of formal and informal logic, evaluation of claims in everyday life, and fallacies of language and logic in problem solving. Students will identify a contemporary problem and will incorporate both qualitative and quantitative research methods to analyze and evaluate the issue. They will work collaboratively, with individual student groups assigned to tasks such as developing and administering questionnaires, conducting interviews, analyzing data, writing a summary report, and orally presenting the findings. (GR)
- SPCH-103 Interpersonal Communication**
3.40 hrs lecture
Units: 3.00
Advisory: Eligibility for ENGL-101A
Accepted For Credit: CSU and UC
Study and practice the principles of relational communication in intrapersonal and interpersonal relationships at home and work. (GR) (CAN SPCH 8)
- SPCH-104 Critical Thinking/Persuasion**
3.40 hrs lecture
Units: 3.00
Advisory: Completion of ENGL-101A or SPCH-101 with grade of C or better
Accepted For Credit: CSU and UC
Learn persuasive techniques and develop critical thinking skills necessary to evaluate personal and public messages. Emphasis on logical reasoning, evaluation of evidence, and the development of a persuasive message. (GR)
- SPCH-105 Intercultural Communication**
3.40 hrs lecture
Units: 3.00
Advisory: Eligible for ENGL-101A
Accepted For Credit: CSU and UC
Study the diversity of styles of verbal and nonverbal communication in different cultures. Emphasis communicating effectively across cultures. (GR)
- SPCH-106 Critical Thinking/Argumentation and Debate**
3.40 hrs lecture
Units: 3.00
Advisory: ENGL-101A or SPCH-101 with a grade of C or better
Accepted For Credit: CSU and UC
This class is the study of critical thinking through oral advocacy and debate. The focus is on principles of effective argumentation including logic, reasoning, evidence, motivation, persuasion, and refutation through preparation and presentation of written and oral arguments and participation in individual and group debates. (GR)
- SPCH-110A1 Forensics Workshop**
0.60 hrs lecture, 1.80 hrs lab
Units: 1.00
Advisory: Completion of ENGL-101A or SPCH-101 with grade of C or better
Accepted For Credit: CSU
This is an activity course for students participating in one or more of the following speech activities: debate or individual events such as persuasion, informational speaking, impromptu, and oral interpretation. Repeatable = 3 times (GC)
- SPCH-110A2 Forensics Workshop**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Advisory: Completion of ENGL-101A or SPCH-101 with grade of C or better
Accepted For Credit: CSU
This is an activity course for students participating in one or more of the following speech activities: debate or individual events such as persuasion, informational speaking, impromptu, and oral interpretation. Repeatable = 3 times (GC)
- SPCH-110A3 Forensics Workshop**
1.80 hrs lecture, 4.50 hrs lab
Units: 3.00
Advisory: Completion of ENGL-101A or SPCH-101 with grade of C or better
Accepted For Credit: CSU
This is an activity course for students participating in one or more of the following speech activities: debate or individual events such as persuasion, informational speaking, impromptu, and oral interpretation. Repeatable = 3 times (GC)
- SPCH-112A1 Argumentation and Debate Workshop**
0.60 hrs lecture, 1.80 hrs lab
Units: 1.00
Advisory: Completion of ENGL-101A or SPCH-101 with grade of C or better
Accepted For Credit: CSU
Students will learn the principles and techniques of argumentation and debate; research of significant contemporary problems; analysis of issues, evidence, and logic; and oral presentations of researched arguments. Repeatable = 3 times (GR)
- SPCH-112A2 Argumentation and Debate Workshop**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Advisory: Completion of ENGL-101A or SPCH-101 with grade of C or better
Accepted For Credit: CSU
Students will learn the principles and techniques of argumentation and debate; research of significant contemporary problems; analysis of issues, evidence, and logic; and oral presentations of researched arguments. Repeatable = 3 times (GR)
- SPCH-112A3 Argumentation and Debate Workshop**
1.80 hrs lecture, 4.50 hrs lab
Units: 3.00
Advisory: Completion of ENGL-101A or SPCH-101 with grade of C or better
Accepted For Credit: CSU
Students will learn the principles and techniques of argumentation and debate; research of significant contemporary problems; analysis of issues, evidence, and logic; and oral presentations of researched arguments. Repeatable = 3 times (GR)
- SPCH-115 Career Communication**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: BA-115
Advisory: Eligibility for ENGL-101A
Accepted For Credit: CSU
Develop vital communication skills for global and diverse professional environments including presentational skills, interviewing, meeting management, small group communication and leadership skills. (GC)
- SPCH-122 Family Communication**
3.40 hrs lecture
Units: 3.00
Accepted For Credit: CSU and UC
Explore family communication processes, roles, decision-making techniques, and conflict management in traditional and nontraditional families. (GR)

- SPCH-130 Oral Interpretation of Literature**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: TD-130
Corequisite: SPCH-130L
Advisory: ENGL-101A
Accepted For Credit: CSU and UC
Appreciate literature through oral performance and written literary analysis of poetry, prose, and drama. Students will analyze, interpret and communicate literature. (GC)
- SPCH-130L Oral Interpretation of Literature Lab**
2.00 hrs lab/term
Units: 0.00
Cross-referenced Course: TD-130L
Corequisite: SPCH-130
Attendance at related events offered by Ohlone College at the Gary Soren Smith Center for the Fine and Performing Arts. (NG)
- SPCH-132 Voice and Diction**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: TD-132
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
Understand and approve the speaking voice through oral exercises that focus on expressiveness and articulation. Increase vocabulary and use the International Phonetic Alphabet in transcription and pronunciation. (GR)
- SPCH-150 Basic English Pronunciation Accent Reduction**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Cross-referenced Course: ESL-150
Advisory: Current enrollment in ESL-181
Practice in pronunciation in idiomatic expressions, phraseology, and rhythmic inflections. Emphasis on individual needs in achieving effective oral communication. Repeatable = 1 time (GC)
- SPCH-151 Introduction to Speech Communication Skills**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ESL-151
Prerequisite: SPCH-150 or ESL-150
This course provides an introduction to basic communication skills for non-native speakers of English for use in classroom presentations. Emphasis will be on communication skills relating to school, personal, and job situations. Not applicable to associate degree. Repeatable = 1 time (GC)
- SPCH-190A Speech Communication Lab Consultant**
0.60 hrs lecture, 1.80 hrs lab
Units: 1.00
Advisory: SPCH-101 or instructor recommendation
Accepted For Credit: CSU
Designed to help students improve their personal and professional communication capabilities. Teaching-learning techniques include assistance with thesis development, outlining, research and delivery skills. Repeatable 3 times to a maximum of 6 units for SPCH-190A-C. (GC)
- SPCH-190B Speech Communication Lab Consultant**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Advisory: SPCH-101 or instructor recommendation
Accepted For Credit: CSU
Designed to help students improve their personal and professional communication capabilities. Teaching-learning techniques include assistance with thesis development, outlining, research and delivery skills. Repeatable 2 times to a maximum of 6 units for SPCH-190A-C. (GC)

- SPCH-190C Speech Communication Lab Consultant**
1.20 hrs lecture, 6.80 hrs lab
Units: 3.00
Advisory: SPCH-101 or instructor recommendation
Accepted For Credit: CSU
Designed to help students improve their personal and professional communication capabilities. Teaching-learning techniques include assistance with thesis development, outlining, research and delivery skills. Repeatable to a maximum of 6 units for SPCH-190A-C. (GC)

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THEATRE AND DANCE

Division: Fine Arts, Business, and Broadcasting

- TD-100 Survey of the Arts**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: ART-100, IS-100, MUS-100
Corequisite: TD-100L
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
In this course theatre, art, and music are explored through discussion, historical review, and contemporary issues. The purpose of this course is to increase students' understanding and enjoyment of the arts. The class is taught by three instructors, one from each area. (GC)
- TD-100L Survey of the Arts Performance Attendance Lab**
6.00 hrs lab/term
Units: 0.00
Cross-referenced Course: ART-100L, IS-100L, MUS-100L
Corequisite: TD-100
This is a concert, performance, or gallery attendance lab component for Survey of the Arts course requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. (NG)
- TD-101 Introduction to World Theatre**
3.40 hrs lecture
Units: 3.00
Corequisite: TD-101L
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
This course covers the history of dramatic literature from the Golden Age through 20th Century. Students will focus on the style of writing, performance, and theatrical conventions of each period and how they relate to the society. Students will read plays, view productions, participate in guest lecture/demonstrations, and attend live performances. (GR)
- TD-101L Introduction to World Theatre Performance Attendance Lab**
3.00 hrs lab/term
Units: 0.00
Corequisite: TD-101
This is a performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. (NG)

TD-102	<p>Introduction to Theatre Appreciation 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Advisory: TD-100 Accepted For Credit: CSU and UC</p> <p>This course is a study of the combined elements of contemporary theatre through examination of audience/performer relationships and the organization of support personnel. The focus is on current and classical plays with special emphasis on dramatic analysis, cultural significance, and critical thinking. Mandatory attendance is required at selected Bay Area theatres at students' expense. Repeatable = 2 times (GC) (CAN DRAM 18)</p>	TD-112	<p>Acting Styles-Classical 3.40 hrs lecture, 3.40 hrs lab Units: 4.00 Prerequisite: TD-110 or equivalent Accepted For Credit: CSU and UC</p> <p>This course is a study of dramatic literature for the purpose of performance including major study of Shakespeare's comedies, tragedies, and histories. Background examination and performance appraisal will highlight each area of study. The emphasis is upon performance of characters in monologue and scene work from selected comedies, histories, and tragedies. Nine plays will be studied and several will be viewed both live and on video. Repeatable = 1 time (GR)</p>
TD-106	<p>History of Television Broadcasting 3.40 hrs lecture Units: 3.00 Cross-referenced Course: BRDC-179 Advisory: ENGL-151 and ENGL-163 Accepted For Credit: CSU</p> <p>This course presents a historical overview of the emergence of television as a major cultural phenomenon in the U.S. The course will look at television's visionaries such as Zworkin, Baird, and Farnsworth. It will also cover the rise of the networks and the giants of the "Golden Age," including Lucille Ball, Sid Caesar, and Ed Sullivan. Repeatable = 1 time (GC)</p>	TD-113	<p>Screenwriting Basics 3.40 hrs lecture Units: 3.00 Accepted For Credit: CSU</p> <p>This course will examine the basics of writing for film, examine the mechanics of both short format and feature length movies, and examine the craft of outlining, treatments, character biographies, dialogue, and pitching. (GC)</p>
TD-107	<p>History of Film 3.40 hrs lecture Units: 3.00 Cross-referenced Course: HIST-107 Advisory: Eligible for ENGL-151B and ENGL-163 Accepted For Credit: CSU and UC</p> <p>This class examines the impact of film on our lives and history. Students will review films, discuss, and analyze techniques used. (GR)</p>	TD-114	<p>Acting for the Camera 3.40 hrs lecture, 3.40 hrs lab Units: 4.00 Accepted For Credit: CSU and UC</p> <p>This course will include analysis and practical study of techniques and skills necessary for and peculiar to performing in front of the camera. Emphasis is placed on acting, but includes daily work in practical cinematography, directing, script supervision, and crewing for all styles of film. Repeatable = 1 time (GR)</p>
TD-109	<p>Theatre of Today 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Advisory: Eligible for ENGL-151B and ENGL-163 Accepted For Credit: CSU and UC</p> <p>This course is designed for those students who wish to explore the contemporary world of theatre and how it relates to film, video, events, festivals, and the entertainment industry. This course examines all aspects of production: writing, casting, designing, producing, the audience experience, and how the overall plan adapts to each medium. Students will learn through lecture/demonstration, viewing video and film, field trips, attending live and recorded events, guest speakers and performers, small-group discussions, and student-generated reports/presentations. (GR)</p>	TD-115A	<p>Theatre Improvisation 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Corequisite: TD-115L Accepted For Credit: CSU and UC</p> <p>Students will learn how to improvise a story, character, setting, and costume. They will create through pantomime as well as vocal techniques. There will be public performances on tour and in conjunction with the student-directed one acts. Repeatable = 1 time (GR)</p>
TD-110	<p>Introduction to Acting 3.40 hrs lecture, 3.40 hrs lab Units: 4.00 Corequisite: TD-110L Advisory: Eligible for ENGL-151B and ENGL-163 Accepted For Credit: CSU and UC</p> <p>This course is an examination and application of theatre elements that relate directly to the actor including, but not limited to, criticism, emotion, stage movement, vocal techniques, theatrical terminology, rehearsal and performance techniques, and script analysis. Repeatable = 1 time (GR) (CAN DRAM 8)</p>	TD-115L	<p>Theatre Improvisation Performance Attendance Lab 4.00 hrs lab/term Units: 0.00 Corequisite: TD-115A</p> <p>This is a performance attendance lab component at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 1 time (NG)</p>
TD-110L	<p>Introduction to Acting Performance Attendance Lab 6.00 hrs lab/term Units: 0.00 Corequisite: TD-110</p> <p>This is a performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 1 time (NG)</p>	TD-116	<p>Acting Laboratory 3.40 hrs lab Units: 1.00 Accepted For Credit: CSU and UC</p> <p>This laboratory class applies the knowledge and techniques gained in the production and technique classes. (GC)</p>
		TD-117A	<p>Audition/Portfolio Preparation 1.20 hrs lecture, 1.20 hrs lab Units: 0.50 Accepted For Credit: CSU</p> <p>This course is designed to help prepare students for a professional audition/interview by developing performance selections, portfolio layouts, and presentational techniques for regional, summer stock, film/TV, and festival venues. Repeatable = 3 times (CR)</p>
		TD-117A1	<p>Audition/Portfolio Preparation 1.20 hrs lecture, 1.80 hrs lab Units: 1.00 Accepted For Credit: CSU</p> <p>This course is designed to help prepare students for a professional audition/interview by developing performance selections, portfolio layouts, and presentational techniques for regional, summer stock, film/TV, and festival venues. Repeatable = 3 times (CR)</p>

- TD-117A2** **Audition/Portfolio Preparation**
1.80 hrs lecture, 1.80 hrs lab
Units: 2.00
Accepted For Credit: CSU
This course is designed to help prepare students for a professional audition/interview by developing performance selections, portfolio layouts, and presentational techniques for regional, summer stock, film/TV, and festival venues. Repeatable = 3 times (CR)
- TD-118** **Survey of Acting Techniques**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Accepted For Credit: CSU and UC
This course is an active survey of, and participation in, a variety of public performance techniques, including scenework, monologues, reader's theatre, improvisation, radio plays, and theatre games. Repeatable = 2 times (GC)
- TD-119** **Directing for the Stage**
3.40 hrs lecture, 3.40 hrs lab
Units: 4.00
Advisory: TD-110, TD-114
Accepted For Credit: CSU and UC
This course is a study of the background and techniques of the director in theatre with an emphasis on practical experience in directing through class projects and public performances. (GR)
- TD-120A3** **Student Repertory Theatre**
10.20 hrs lab
Units: 3.00
Prerequisite: Auditions (for actors only)
Advisory: TD-110
Accepted For Credit: CSU and UC
This class is a combination of professional and educational theatre. Students will participate in acting and/or technical roles in a repertory company. There will be up to six productions, one of which may be a children's/family program. Members of the company will be expected to participate in all phases of production. Repeatable = 3 times to a maximum of 9 units (GR)
- TD-120A4** **Student Repertory Theatre**
13.50 hrs lab
Units: 4.00
Prerequisite: Auditions (for actors only)
Advisory: TD-110
Accepted For Credit: CSU and UC
This class is a combination of professional and educational theatre. Students will participate in acting and/or technical roles in a repertory company. There will be up to six productions, one of which may be a children's/family program. Members of the company will be expected to participate in all phases of production. Repeatable = 3 times to a maximum of 9 units (GR)
- TD-120B3** **Student Repertory Theatre**
10.20 hrs lab
Units: 3.00
Prerequisite: Auditions (for actors only)
Advisory: TD-120A3 or TD-120A4
Accepted For Credit: CSU and UC
This class is a combination of professional and educational theatre. Students will participate in acting and/or technical roles in a repertory company. There will be up to six productions, one of which may be a children's/family program. Members of the company will be expected to participate in all phases of production, particularly in the capacity of producer, director, designer, or other position of artistic or business leadership. Repeatable = 3 times to a maximum of 9 units (GR)
- TD-120B4** **Student Repertory Theatre**
13.50 hrs lab
Units: 4.00
Prerequisite: Auditions (for actors only)
Advisory: TD-120A3 or TD-120A4
Accepted For Credit: CSU and UC
This class is a combination of professional and educational theatre. Students will participate in acting and/or technical roles in a repertory company. There will be up to six productions, one of which may be a children's/family program. Members of the company will be expected to participate in all phases of production, particularly in the capacity of producer, director, designer, or other position of artistic or business leadership. Repeatable = 3 units to a maximum of 9 units (GR)
- TD-121A** **Dance Rehearsal and Performance**
6.80 hrs lab
Units: 2.00
Advisory: Co-enrollment in a dance technique class
Accepted For Credit: CSU
This class is an educational setting for dance performance. The students will learn the ins and outs of a theatrical dance performance. Each student, regardless of skill level, will be given the opportunity to perform on stage in a professional setting with the security of an educational environment. Repeatable = 3 times (GC)
- TD-121B** **Dance Rehearsal and Performance**
10.20 hrs lab
Units: 3.00
Advisory: It is highly recommended that each student is co-enrolled in a dance technique class.
Accepted For Credit: CSU
This class is an educational setting for dance performance. The student will learn the ins and outs of a theatrical dance performance. Each student, regardless of skill level, will be given the opportunity to perform on stage in a professional setting with the security of an educational environment. Repeatable = 2 times (GC)
- TD-121C** **Dance Rehearsal and Performance**
13.50 hrs lab
Units: 4.00
Advisory: It is highly recommended that each student is co-enrolled in a dance technique class.
Accepted For Credit: CSU
This class is an educational setting for dance performance. The student will learn the ins and outs of a theatrical dance performance. Each student, regardless of skill level, will be given the opportunity to perform on stage in a professional setting with the security of an educational environment. Repeatable = 2 times (GC)
- TD-121L** **Dance Rehearsal and Performance Lab**
2.00 hrs lab/term
Units: 0.00
This class is an educational setting for dance performance. The student will learn the ins and outs of a theatrical dance performance. Each student, regardless of skill level, will be given the opportunity to perform on stage in a professional setting with the security of an educational environment. This class is especially geared toward the first time performer. Repeatable = 3 times (NG)
- TD-122** **Rehearsal and Performance**
6.80 hrs lab
Units: 2.00
Prerequisite: Auditions
Advisory: Eligible for ENGL-151B and ENGL-163; TD-110
Accepted For Credit: CSU and UC
This class is for students performing in a major college production. Enrollment is for the duration of the production. Repeatable = 3 times (GR)

- TD-123 Rehearsal and Performance**
10.20 hrs lab
Units: 3.00
Prerequisite: Auditions
Advisory: Eligible for ENGL-151B and ENGL-163; TD-110
Accepted For Credit: CSU and UC
This class is for students performing in a major college production. Enrollment is for the duration of the production. Repeatable = 3 times (GR)
- TD-124 Rehearsal and Performance**
13.50 hrs lab
Units: 4.00
Prerequisite: Auditions
Advisory: Eligible for ENGL-151B and ENGL-163; TD-110
Accepted For Credit: CSU and UC
This class is for students performing in a major college production. Enrollment is for the duration of the production. Repeatable = 3 times (GR)
- TD-125 Summerfest-Principals**
40.50 hrs lab
Units: 7.00
Prerequisite: Audition
Accepted For Credit: CSU and UC
This course is normally taught as an eight to ten-week summer session course and is designed to familiarize students with the principles and complexities involved in the preparation and production of the Summerfest production in a principal role. Specific instruction will be given in acting, movement, speech, singing, and accents as they relate to the style and history of the period and to musical theatre specifically. Repeatable = 3 times (GC)
- TD-126 Summerfest-Featured Parts**
35.50 hrs lab
Units: 6.00
Prerequisite: Audition
Accepted For Credit: CSU and UC
This course is normally taught as an eight to ten-week summer session course and is designed to familiarize students with the principles and complexities involved in the preparation and production of the Summerfest production in a feature role. Specific instruction will be given in acting, movement, speech, singing, and accents as they relate to the style and history of the period. Repeatable = 3 times (GC)
- TD-127 Summerfest-Chorus and Instrument Members**
29.25 hrs lab
Units: 5.00
Prerequisite: Audition
Accepted For Credit: CSU and UC
This course is normally taught as an eight to ten-week summer session course and is designed to familiarize students with the principles and complexities involved in the preparation and production of the Summerfest production as a chorus or orchestra member. Specific instruction will be given in acting, movement, speech, music, and singing as they relate to the style and history of the period. Repeatable = 3 times (GC)

Photo courtesy of College Relations



Ohlone's theatrical production of "Into the Woods"

- TD-129 Summerfest - Technicians**
42.50 hrs lab
Units: 7.00
Advisory: TD-150
Accepted For Credit: CSU and UC
This course is normally taught as an eight to ten-week summer session course. It is designed to familiarize and teach students the various technical aspects, i.e., set construction, lighting, costuming, makeup, publicity, and house management needed for the preparation and production of a major theatrical Summerfest production. Repeatable = 3 times (GC)
- TD-130 Oral Interpretation of Literature**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: SPCH-130
Corequisite: TD-130L
Advisory: Eligibility for ENGL-101A
Accepted For Credit: CSU and UC
Appreciate literature through oral performance and written literary analysis of poetry, prose, and drama. Students will analyze, interpret and communicate literature. (GR)
- TD-130L Oral Interpretation of Literature Lab**
2.00 hrs lab/term
Units: 0.00
Cross-referenced Course: SPCH-130L
Corequisite: TD-130
Attendance at related events offered by Ohlone College at the Gary Soren Smith Center for the Fine and Performing Arts. Not applicable to associate degree. (NG)
- TD-132 Voice and Diction**
3.40 hrs lecture
Units: 3.00
Cross-referenced Course: SPCH-132
Advisory: Eligible for ENGL-151B and ENGL-163
Accepted For Credit: CSU and UC
Understand and approve the speaking voice through oral exercises that focus on expressiveness and articulation. Increase vocabulary and use the International Phonetic Alphabet in transcription and pronunciation. (GR)
- TD-140 Dance for Musical Theatre**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Advisory: TD-150
Accepted For Credit: CSU and UC
This class explores the various styles of dance found in musical theatre. Movement styles from different periods are also explored beginning with the 1920's and continuing through current dance trends of Broadway and MTV. Repeatable = 3 times (GC)
- TD-141A Introduction to Ballet**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-141AL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This class introduces the rudiments of classical ballet to the beginning dance student. Students will develop the strength and coordination to perform the technical skills of basic ballet through barre and center work and by learning simple movement combinations. Ballet terminology will be covered. Repeatable = 3 times (GC)
- TD-141AL Ballet Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-141A
This is a performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)

- TD-141B Intermediate Ballet**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-141BL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
This class continues the training in the rudiments of classical ballet for the beginning-intermediate student. The students will further develop the technical skills to perform intermediate-level steps and combinations of movement. Ballet terminology will be covered. Repeatable = 3 times (GC)
- TD-141BL Ballet Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-141B
This is a performance or attendance lab component at selected events offered by Ohlone College at the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-142A Introduction to Jazz Dance**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-142AL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will learn the basic skill of jazz dance with emphasis on body alignment, strength, and coordination. Repeatable = 3 times (GC)
- TD-142AL Introduction to Jazz Dance Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-142A
This is a performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-142B Intermediate Jazz Dance**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-142BL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will work on more advanced skills and styles inherent in jazz dance. Class work will deal with technical skills, combinations of steps, and exploration of composition in jazz dance form. (GC)
- TD-142BL Intermediate Jazz Dance Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-142B
This is a performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-142C Advanced Jazz Dance**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-142CL
Accepted For Credit: CSU and UC
Students will complete advanced skills inherent in jazz dance. This advance level technical jazz dance class will deal with leaps, turns, and technique as well as dance composition. Repeatable = 3 times (GC)
- TD-142CL Advanced Jazz Dance Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-142C
This is a performance attendance lab component for Fine and Performing Arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-143A Introduction to Tap**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-143AL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will study basic tap dance techniques and elementary tap dances. This class provides students with the opportunity to develop coordination, rhythm, and performances skills. Some history of tap will be included. Repeatable = 3 times (GC)
- TD-143AL Introduction to Tap Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-143A
This is a performance attendance lab component at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-143B Intermediate Tap**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-143BL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will develop intricate skills in tap dancing by studying intermediate-level movements and combinations with some provision for student composition of dance. Performance skills will be included. Repeatable = 3 times (GC)
- TD-143BL Intermediate Tap Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-143B
This is a performance attendance lab component at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-143C Advanced Tap Dance**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-143CL
Accepted For Credit: CSU and UC
Students will continue to develop intricate skills in tap dancing by studying advanced rhythm patterns, movements, and combinations with some provision for student composition of dance. Performance skills will be included. Repeatable = 3 times (GC)
- TD-143CL Advanced Tap Dance Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-143C
This is a performance attendance lab component for Fine and Performing Arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-144A Introduction to Modern Dance**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-144AL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will learn basic skills of modern dance with emphasis on body alignment, strength, coordination, rhythmic movement, and creative expression. Repeatable = 3 times (GC)
- TD-144AL Introduction to Modern Dance Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-144A
This is a performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)

- TD-144B Intermediate Modern Dance**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-144BL
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will continue to prepare their bodies as an instrument for dance, progressing to longer, faster-paced, more diversified, and more difficult movement combinations. Coursework will include some creative dance experiences, abstract dance, and musical mime. Repeatable = 3 times (GC)
- TD-144BL Intermediate Modern Dance Performance Attendance Lab**
2.50 hrs lab/term
Units: 0.00
Corequisite: TD-144B
This is a performance attendance lab component for fine and performing arts classes requiring attendance at selected events offered by the Gary Soren Smith Center for the Fine and Performing Arts. Repeatable = 3 times (NG)
- TD-145A2 Introduction to Ballroom Dance**
2.30 hrs lab
Units: 0.50
Advisory: TD-100
Accepted For Credit: CSU and UC
Students will learn basic steps and skills of ballroom dance with emphasis on body alignment, coordination, rhythmic movement, and creative expression. Repeatable = 3 times (GC)
- TD-145A3 Introduction to Ballroom Dance**
3.40 hrs lab
Units: 1.00
Advisory: TD-100
Accepted For Credit: CSU and UC
Students will learn basic steps and skills of ballroom dance with emphasis on body alignment, coordination, rhythmic movement, and creative expression. Repeatable = 3 times (GC)
- TD-145A4 Introduction to Ballroom Dance**
6.80 hrs lab
Units: 2.00
Advisory: TD-100
Accepted For Credit: CSU and UC
This course is a study of the combined elements of contemporary social dance, focusing on partnering, body deportment, rhythm, styling and co-ordination. Repeatable = 3 times (GC)
- TD-145B2 Intermediate Ballroom Dance**
2.30 hrs lab
Units: 0.50
Advisory: TD-100; TD-145A2, TD-145A3, TD-145A4 or equivalent
Accepted For Credit: CSU and UC
This course is an in-depth study of contemporary ballroom dance focusing on intricate partnering, balance, rhythm, styling, and step combinations and patterns. Repeatable = 3 times (GC)
- TD-145B3 Intermediate Ballroom Dance**
3.40 hrs lab
Units: 1.00
Advisory: TD-100; TD-145A2, TD-145A3, TD-145A4 or equivalent
Accepted For Credit: CSU and UC
This course is an in-depth study of contemporary ballroom dance focusing on intricate partnering, balance, rhythm, styling, and step combinations and patterns. Repeatable = 3 times (GC)
- TD-145B4 Intermediate Ballroom Dance**
6.80 hrs lab
Units: 2.00
Advisory: TD-100; TD-145A2, TD-145A3, TD-145A4 or equivalent
Accepted For Credit: CSU and UC
This course is an in-depth study of contemporary ballroom dance focusing on intricate partnering, balance, rhythm, styling, and step combinations and patterns. Repeatable = 3 times (GC)
- TD-148A2 Introduction to Hip Hop**
2.30 hrs lab
Units: 0.50
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will learn basic skills of contemporary street jazz/hip hop dance with emphasis on body alignment, strength, coordination, rhythmic movement, and creative expression. Repeatable = 3 times (GC)
- TD-148A3 Introduction to Hip Hop**
3.40 hrs lab
Units: 1.00
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will learn basic skills of contemporary street jazz/hip hop dance with emphasis on body alignment, strength, coordination, rhythmic movement, and creative expression. Repeatable = 3 times (GC)
- TD-148B2 Intermediate Hip Hop**
2.30 hrs lab
Units: 0.50
Prerequisite: Successful completion of TD-148A2 or A3
Advisory: Medical check within last year
Accepted For Credit: CSU and UC
Students will learn, at an intermediate level, skills of contemporary street jazz/hip hop dance with emphasis on body alignment, strength, coordination, rhythmic movement and creative expression. Repeatable = 3 times (GC)
- TD-148B3 Intermediate Hip Hop**
3.40 hrs lab
Units: 1.00
Prerequisite: Successful completion of TD-148A2 or A3
Accepted For Credit: CSU and UC
Students will learn, at an intermediate level, skills of contemporary street jazz/hip hop dance with emphasis on body alignment, strength, coordination, rhythmic movement and creative expression. Repeatable = 3 times (GC)
- TD-149 Choreography for Production**
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Corequisite: TD-124
Accepted For Credit: CSU
Students will learn methods and elements of choreography and relate them to technical theatre elements of set, lighting, costuming, and sound. Repeatable = 1 time (GC)
- TD-150 Technical Theatre**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Accepted For Credit: CSU and UC
This course introduces the theory and practice of technical theatre production. Emphasis is placed on theatre safety, scenery construction techniques and materials, and backstage procedures. Students receive hands-on training in the scene shop and as members of the stage crew of a department production. Repeatable = 3 times (GR)
- TD-152 Introduction to Lighting and Sound**
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: TD-150
Accepted For Credit: CSU and UC
This course introduces the basic concepts, technology, and safe practices of lighting and sound reinforcement for the stage and television. Lectures will focus on theory and practice, while lab will provide opportunities to use equipment in "real life" situations. Repeatable = 3 times (GC) (CAN DRAM 10)

TD-153 Scenic Painting
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: TD-150
Accepted For Credit: CSU

This course is a study of various methods of painting theatrical scenery. Tools to be used will include brushes, rollers, sponges, and stencils. Students will learn techniques in faux, trompe-l'oeil, and forced perspective. Students also participate in current department productions. Repeatable = 3 times (GR)

TD-154 Theatrical Makeup for Stage, TV, and Dance
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Accepted For Credit: CSU and UC

This course includes lecture, demonstration and laboratory practice in the design and application of stage and film makeup, including ethnic, fantasy, horror, period styles, and special effects. Repeatable = 3 times (GR)

Photo courtesy of College Relations



Costume construction class in the Gary Soren Smith Center for the Fine and Performing Arts

TD-155A Costume Construction I
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Accepted For Credit: CSU and UC

This course provides basic costume construction techniques to develop a student's skill in the use of fabrics, methods and simple patterns in a theatrical context. (GC)

TD-155B Costume Construction II
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Prerequisite: TD-155A or equivalent
Accepted For Credit: CSU and UC

This course provides costume construction techniques to advance students' skill in the use of special fabrics, methods, and more complex patterns. (GC)

TD-156 Theatrical Costuming
1.20 hrs lecture, 3.40 hrs lab
Units: 2.00
Accepted For Credit: CSU and UC

This course identifies and provides experience using materials, tools, and techniques used in building costumes. The history of costumes, use of sewing machines, design, and related topics are covered. Repeatable = 3 times (GR)

TD-159 Theatre Management
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Advisory: Eligible for ENGL-151B
Accepted For Credit: CSU

This course is an introduction to the theories and practices of dance, theatre, and music performance management. Students will study advertising, public relations, box office operations, and event staffing. There is practical lab application of studies in conjunction with concurrent productions (student and professional) and/or outside projects in film and TV. (GR)

TD-160A Production Lab
1.80 hrs lab
Units: 0.50
Accepted For Credit: CSU and UC

This lab provides hands-on instruction and practice in technical production for theatre, dance, and television. Repeatable = 3 times (GC)

TD-160A1 Production Lab
3.40 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC

This lab provides hands-on instruction and practice in technical production for theatre, dance, and television. Repeatable = 3 times (GC)

TD-160A2 Production Lab
6.80 hrs lab
Units: 2.00
Accepted For Credit: CSU and UC

This lab provides hands-on instruction and practice in technical production for theatre, dance, and television. Repeatable = 3 times (GC)

TD-160A3 Production Lab
10.20 hrs lab
Units: 3.00
Accepted For Credit: CSU and UC

This lab provides hands-on instruction and practice in technical production for theatre, dance, and television. Repeatable = 3 times (GC)

TD-161 Stagecraft Lab (Theatre, Television, Dance)
3.40 hrs lab
Units: 1.00
Accepted For Credit: CSU and UC

This course involves participation in all the technical aspects of preparing a scheduled college production (stage, television, and dance), i.e., set construction, lighting, costuming, makeup, publicity, and house management. Repeatable = 3 times (GR)

TD-162 Stagecraft Lab (Theatre, Television, Dance)
6.80 hrs lab
Units: 2.00
Accepted For Credit: CSU and UC

This course involves participation in all the technical aspects of preparing a scheduled college production (stage, television, and dance), i.e., set construction, lighting, costuming, makeup, publicity, and house management. Repeatable = 3 times (GR)

TD-163 Stagecraft Lab (Theatre, Television, Dance)
10.20 hrs lab
Units: 3.00
Accepted For Credit: CSU and UC

This course involves participation in all the technical aspects of preparing a scheduled college production (stage, television, and dance), i.e., set construction, lighting, costuming, makeup, publicity, and house management. Repeatable = 3 times (GR)

TD-164 Stagecraft Lab (Theatre, Television, Dance)
13.50 hrs lab
Units: 4.00
Accepted For Credit: CSU and UC

This course involves participation in all the technical aspects of preparing a scheduled college production (stage, television, and dance) i.e., set construction, lighting, costuming, makeup, publicity, and house management. Repeatable = 3 times (GR)

TD-170 Survey of Entertainment Design
2.30 hrs lecture, 3.40 hrs lab
Units: 3.00
Accepted For Credit: CSU

This course explores trends in entertainment design and technology through lectures and fieldtrips. Areas covered will include live performance, film and television, themed entertainment, retail and corporate events. The purpose of this course is to provide students with a broad overview of the field of entertainment design and technology with emphasis on current and future employment opportunities and the skills needed for them. (GC)

TD-171	<p>3D Entertainment Design for Lighting 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Advisory: ID-155 or equivalent; TD-152 Accepted For Credit: CSU</p> <p>This course focuses on the fundamentals of computer-aided design as related to lighting design for the entertainment industry. Using Mini-CAD design and drafting programs, this course will guide students through the process of creating lighting designs using three-dimensional models of theatres and other spaces. Repeatable = 1 time (GR)</p>	TD-178	<p>Fundamentals of Rigging 2.30 hrs lecture, 2.30 hrs lab Units: 2.00 Advisory: TD-150; ability to climb ladders and lift 50 pounds</p> <p>This course offers an introduction to the rigging systems and equipment commonly used in the entertainment industry. Through a combination of classroom and lab, students will learn the fundamental concepts of safe rigging including load calculation and placement, safety devices, and fall protection. Students should be in good physical condition and must be able to climb ladders and lift fifty pounds. Repeatable = 1 time (GC)</p>
TD-172	<p>Intermediate Lighting for Stage, Television, and Live Events 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Advisory: TD-152 or stage/TV lighting experience Accepted For Credit: CSU</p> <p>This course offers project-based instruction on the equipment and techniques used in lighting. It will be divided into three sections, each of which will focus on a specific area of the entertainment industry: lighting for the stage, for television production, and for live events. Repeatable = 3 times (GC)</p>	TD-179	<p>Introduction to Stage Management 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Advisory: ID-155 or equivalent, TD-152 Accepted For Credit: CSU</p> <p>This course introduces the responsibilities, techniques and tools of a modern stage manager for live and broadcast events. Areas covered will include creating schedules, promptbooks and other paperwork; organizing and managing crew; managing production meetings; managing the rehearsal process; running performances. (GC)</p>
TD-173	<p>Introduction to Moving Lights 1.20 hrs lecture, 3.40 hrs lab Units: 2.00 Advisory: TD-172 Accepted For Credit: CSU</p> <p>This course offers an introduction to the technology and applications of intelligent lighting systems for the entertainment industry. The course and lab work will concentrate on the features and functions of a wide variety of lighting fixtures and control systems in use in the entertainment industry today. Repeatable = 3 times (GC)</p>	TD-180	<p>Television Series Production 10.20 hrs lab Units: 3.00 Cross-referenced Course: BRDC-180 Accepted For Credit: CSU</p> <p>In this course students will participate in the production of episodic television programs. The positions for students include both talent and technical operations. Repeatable = 3 times (GR)</p>
TD-174	<p>Intermediate Moving Lights 1.20 hrs lecture, 3.40 hrs lab Units: 2.00 Prerequisite: TD-173 Advisory: TD-172 Accepted For Credit: CSU</p> <p>This course builds upon the work done in TD-173. Students will begin designing with, and programming, intelligent lighting systems for different types of events (concerts, corporate parties, trade shows, etc.). More sophisticated work will be done in trouble shooting, servicing, and rigging, as well. Repeatable = 3 times (GC)</p>	TD-181	<p>Directing for the Camera 2.30 hrs lecture, 6.80 hrs lab Units: 4.00 Advisory: Eligible for ENGL-151B, TD-114 Accepted For Credit: CSU</p> <p>Using three-camera technique, the students will produce and direct four dramatic scenes for television and one music video. Using single and multi-camera shots, students will produce, direct, and edit one dramatic scene. Repeatable = 2 times (GR)</p>
TD-175	<p>Intermediate Sound for Stage, Television and Live Events 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Advisory: TD-152 or stage/TV sound experience Accepted For Credit: CSU</p> <p>This course offers project-based instruction on the equipment and techniques used in sound design, recording, and reinforcement. It will be divided into three sections, each of which will focus on a specific area of the entertainment industry: sound for the stage, for television production, and for live events. Repeatable = 3 times (GC)</p>	TD-195A1	<p>Work Experience Education - Vocational 4.70 hrs lab Units: 1.00 Advisory: Refer to Work Experience Education Department Notes Accepted For Credit: CSU</p> <p>Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)</p>
TD-176	<p>Digital Sound Editing for Stage and TV 2.30 hrs lecture, 3.40 hrs lab Units: 3.00 Advisory: TD-175, MUS-113 Accepted For Credit: CSU</p> <p>This project-based course provides advanced, hands-on instruction in industry-standard digital sound editing and MIDI systems, including Peak, ProTools and CueBase. The course is intended for students pursuing careers in audio/technology in the entertainment industry. Repeatable = 2 times (GC)</p>	TD-195A2	<p>Work Experience Education - Vocational 9.40 hrs lab Units: 2.00 Advisory: Refer to Work Experience Education Department Notes Accepted For Credit: CSU</p> <p>Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)</p>
		TD-195A3	<p>Work Experience Education - Vocational 14.10 hrs lab Units: 3.00 Advisory: Refer to Work Experience Education Department Notes Accepted For Credit: CSU</p> <p>Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)</p>

TD-195A4 Work Experience Education - Vocational
 18.80 hrs lab
 Units: 4.00
 Advisory: Refer to Work Experience Education Department Notes
 Accepted For Credit: CSU

Work experience education for students employed in jobs directly related to a major. Units received are based on hours worked. (GC)

TD-365 Supervised Dance Lab
 6.80 hrs lab
 Units: 0.00
 Prerequisite: Instructor or Counselor referral
 Corequisite: TD-141, TD-142, TD-143, TD-144, TD-145, or TD-148, or consent of instructor.

Open dance studio, supervised by dance faculty. Dance styles and schedules to be coordinated by instructor. Repeatable = 3 times (NG)

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WOMEN'S STUDIES

Division: Language Arts, Library, and Social Sciences

WS-115 Women in Literature
 3.40 hrs lecture
 Units: 3.00
 Cross-referenced Course: ENGL-115
 Advisory: Eligibility for ENGL-101A
 Accepted For Credit: CSU and UC

This course is a study of selected fiction, poetry, drama, and essays of British and American women writers past and present. (GC)

WS-120 Women of the Western World
 3.40 hrs lecture
 Units: 3.00
 Cross-referenced Course: IS-120
 Advisory: ENGL-101A
 Accepted For Credit: CSU and UC

This course is an interdisciplinary course involving an overview of women's traditional roles in the western world; the history of the feminist movement, past and present; and an attempt to define the changing role of women in a diverse contemporary American society. Cross-cultural information about women's roles in other societies will be regularly introduced. (GC)

WS-150 Women's Health Issues
 3.40 hrs lecture
 Units: 3.00
 Cross-referenced Course: HLTH-150
 Advisory: Eligible for ENGL-151B and ENGL-163
 Accepted For Credit: CSU and UC

This course is a study of the contemporary issues of women's health at home work from the biological, psychological, and sociological perspectives which affect women in American culture including such topics as mental health, sexuality, parenting, nutrition, exercise, rape and battery, aging, occupational health, and cultural diversity. (GC)

WORK EXPERIENCE EDUCATION

WEX-185A1 Work Experience Education
 4.70 hrs lab
 Units: 1.00

WEX-185A2 Work Experience Education
 9.40 hrs lab
 Units: 2.00

WEX-185A3 Work Experience Education
 14.10 hrs lab
 Units: 3.00

Corequisite: Parallel Plan (Work and attend school at the same time): Enrollment in a minimum of seven units, including Work Experience Education; students may qualify for a maximum of 3 WEX units per semester for a total of 6 WEX-185 units. Alternate Plan (Work and attend school alternately): Enrollment limited to one other class during the semester; students must have completed a minimum of seven semester units prior to enrolling in the alternate plan; students may enroll in up to six semester units per semester. General limitations: Students may not enroll in WEX-185 and WEX-195 concurrently.
 Accepted For Credit: CSU

Through a set of learning objectives established by the student, supervisor, and instructor, students shall enhance their career awareness and expand their understanding of the skills required to be successful in the workplace. This work-based learning experience will promote a better understanding of the relationship between formal education and job success. Repeatable = 3 times for a maximum of 6 units (GC)

WEX-195A1 Occupational Work Experience Education
 4.70 hrs lab
 Units: 1.00

WEX-195A2 Occupational Work Experience Education
 9.40 hrs lab
 Units: 2.00

WEX-195A3 Occupational Work Experience Education
 14.10 hrs lab
 Units: 3.00

WEX-195A4 Occupational Work Experience Education
 18.80 hrs lab
 Units: 4.00

Corequisite: Parallel Plan (Work and attend school at the same time): Enrollment in a minimum of seven units, including Work Experience Education; students may qualify for a maximum of four WEX-195 units per semester for a total of 16 WEX units; employment (paid or volunteer) must be in a job related to the students' major or occupational objective. Alternate Plan (Work and attend school alternately) Enrollment limited to one other class during the semester; students must have completed a minimum of seven semester units prior to enrolling in the Alternate Plan; students may enroll in up to eight semester units per semester. General Limitations: Students may not enroll in WEX-185 and WEX-195 concurrently.
 Accepted For Credit: CSU

Through a set of learning objectives established by the student, supervisor and instructor, each student will work with and learn from professionals in his/her field of study or occupational objective. These experiences will enable students to improve job skills and analyze career opportunities and requirements. Repeatable = 3 times in series to a maximum of 16 units (GC)