

LANEY COLLEGE
CATALOG
SUPPLEMENT
2013-15



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CATALOG SUPPLEMENT 2013-15

The Laney College Catalog Supplement for 2013-15 is a summary of additions, deactivations, and changes that have been made in curriculum and policies affecting students since the publication of the 2013-15 Catalog. Changes to curriculum are made on an ongoing basis throughout the academic year and are usually effective for a subsequent term. All individual course additions and changes show the effective term at the end of each entry. All program additions and changes show the effective term after the program title. These notations are as follows: M13 = Summer 2013, F13 = Fall 2013, S14 = Spring 2014, M14 = Summer 2014, F14 = Fall 2014, S15 = Spring 2015, M15=Summer 2015

ACCURACY STATEMENT

Laney College endeavors to present its programs and policies to the public accurately and fairly. Those responsible for the preparation of the Catalog, the Catalog Supplement, and Schedules of Classes, and all other public announcements make every effort to ensure that the information presented is correct and up-to-date. However, the College reserves the right to add, amend, or repeal the curriculum and any rules, regulations, policies and procedures. The College assumes no responsibility for program changes or publication errors beyond its control.

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
ANTHR 2	<p>Introduction to Archaeology and Prehistory 3 units, 3 hours lecture (GR) Acceptable for credit: CSU/UC pending</p> <p>World prehistory as reconstructed from the archaeological and physical evidence of cultural beginnings through the early agricultural civilizations of Africa, America and Euro-Asia: Archaeological methods, techniques, and problems. 2202.00</p>	F14
ANTHR 14	<p>American Mosaic: The Cultures of the United States 3 units, 3 hours lecture (GR) Acceptable for credit: CSU/UC pending</p> <p>Study of the cultures of the United States from the perspectives of ethnic identity, ethnic relations, sex and gender, socio-economics class, religion, music and politics: Emphasis on the anthropological methods and approaches to enhance exploration of the United States history and socio-cultural lifeways. 2202.00</p>	M14
ANTHR 19	<p>The Anthropology of Sex and Gender 3 units, 3 hours lecture (GR)</p> <p>Formation of sexual and gender identities from a cross-cultural, cross-societal perspective: Biological and historical understandings of male/female difference. Female body, alternative sexualities, female power in the public sphere, mother-child relations and gender-related violence. Consideration of contemporary, globalized societies and gendered behavior in smaller-scale societies. 2202.00</p>	F14
ARCH 211A	<p>Basic Computerized Drafting Techniques 1 unit, 0.5 hours lecture/1.5 hours lab (GR)</p> <p>Basics of computerized drafting: Principles of applied geometry underlying orthographic and pictorial drawings, developing plans, elevations, sections and isometrics.</p> <p>Not open for credit to students who have completed or are currently enrolled in WDETC 211A. 0953.00</p>	F14
ART 46	<p>Two Dimensional Visual Design 3 units, 2 hours lecture/4 hours lab (GR or P/NP) Acceptable for credit: CSU/UC</p> <p>Fundamental elements of design: Dot, line, plane, volume, space, color, texture, and light; laboratory experience in visual composition and layout emphasizing in two dimensional design. 1002.10</p>	S14
ART 47	<p>Three Dimensional Visual Design 3 units, 2 hours lecture/4 hours lab (GR or P/NP) Acceptable for credit: CSU/UC</p> <p>Introduction to the concepts, applications, and historical references related to three-</p>	S14

COURSE ADDITIONS

dimensional design and spatial composition: Elements and organizing principles of design as they apply to three-dimensional space and form. Development of visual vocabulary for creative expression through lecture presentations and use of appropriate materials for non-representational three-dimensional studio projects. 1002.10

- ART 137** **Beginning Figure Drawing and Composition** F13
 3 units, 2 hours lecture/4 hours lab (GR or P/NP)
Prerequisite: ART 20
 Acceptable for credit: CSU/UC
- Introduction to drawing the human figure from observation using a wide variety of drawing media and techniques: Human anatomy, historical and contemporary roles of figure drawing in the visual arts with descriptive and interpretative approaches to drawing the figure. 1002.10
- ART 144** **Eco Art Matters Continuing Food and Water** F13
 3 units, 2 hours lecture/3 hours lab (GR or P/NP)
Prerequisite: ART 141
 Acceptable for credit: CSU/UC
- Continuation of the study and art practices based on environmental and social justice issues: Extensive research on an issue of choice, with an emphasis on Food and Water. 1001.00
- ART 145** **Advanced Eco Art Matters: Community Outreach and Collaboration** F13
 3 units, 2 hours lecture/4 hours lab (GR or P/NP)
Prerequisite: ART 141
 Acceptable for credit: CSU/UC
- Continuation of ART 141 with an emphasis on social justice, community outreach and collaboration projects for a public art exhibition. 1001.00
- ART 146** **Special Projects: EcoArt Matters** F13
 3 units, 2 hours lecture/4 hours lab (GR or P/NP)
Prerequisite: ART 145
 Acceptable for credit: CSU/UC
- Continuation study: advanced research and art practice of environmental and social justice issues. 1001.00
- ART 165** **Beginning Figure Sculpture** F13
 3 units, 2 hours lecture/4 hours lab (GR or P/NP)
 Acceptable for credit: CSU/UC
- Introduction to direct modeling from the live model: Direct observation sketching, clay and other media, introduction to human anatomy and historical and contemporary roles of figurative sculpture in the visual arts, descriptive and interpretive approaches to sculpting the figure. 1002.20
- ART 176** **Beginning Sculpture** F13
 3 units, 2 hours lecture/4 hours lab (GR or P/NP)
 Acceptable for credit: CSU/UC

COURSE ADDITIONS

Introduction to three-dimensional sculptural principles, techniques, and concepts utilizing a wide range of materials and practices: Various sculpture methods with attention to creative self-expression and historical context. 1002.20

ART 202 Fundamentals of Drawing F13
2 units, 1 hour lecture/3 hours lab (GR or P/NP)

Drawing techniques in relation to drawing as a fine art: Study of shape, form, and space in black and white. 1002.10

ART 205 Fundamentals of Painting F13
2 units, 1 hour lecture/3 hours lab (GR or P/NP)

Basic painting techniques and composition using oils, acrylics, and/or mixed media. May include live models. 1002.10

ART 208 Foundations of Ceramics F13
2 units, 1 hour lecture/3 hours lab (GR or P/NP)

Introduction to Ceramics: Wheel throwing and hand-building instruction, glazing and firing techniques. 1002.30

ART 230 Beginning Art Gallery Management F13
3 units, 2 hour lecture/3 hours lab (GR or P/NP)

Practical experience in all phases of art exhibit: Research in art exhibit design and philosophy; includes field trips. 1002.00

ART 231 Continuing Art Gallery Management S15
3 units, 2 hour lecture/3 hours lab (GR or P/NP)

Continuation of ART 230: Continued research and related theory; budget analysis; lighting techniques and installation; practical experience in all phases of art exhibit; research in art exhibit design and philosophy; includes field trips. 1002.00

ART 232 Intermediate Art Gallery Management S15
3 units, 2 hour lecture/4 hours lab (GR or P/NP)

Continuation of ART 231: Continued research and application of art gallery related theory; budget analysis and management; lighting techniques and installation; practical experience in all phases of art exhibit; advanced research in art exhibit design and philosophy; including unsupervised field trips. 1002.00

ART 233 Advanced Art Gallery Management S15
3 units, 2 hour lecture/4 hours lab (GR or P/NP)

Continuation of ART 232: Advanced research and related theory; budget analysis; lighting techniques and installation; practical experience in all phases of art exhibit; research in art

COURSE ADDITIONS

exhibit design and philosophy; includes field trips. Supervision of beginning art gallery management students in day to day operations of gallery. 1002.00

ATHL 2	Basketball Foundations 3 units, 10 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Repeatable 3 times Fundamentals of Intercollegiate competition: Theory and practice of basketball fundamentals.	F13 0835.50
ATHL 11	Intercollegiate Baseball 3 units, 10 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Repeatable 3 times Fundamentals of intercollegiate competition: Application of theory, team organization, technique, strategy, and leadership.	F13 0835.50
ATHL 18	Football Physiological and Team Development 3 units, 1 hour lecture/6 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Repeatable 3 times Fundamentals of Intercollegiate competition: Concepts of offensive, defensive, and special teams theory and development.	F13 0835.50
ATHL 41	Intercollegiate Women's Swimming & Diving Pre-season Conditioning 3 units, 10 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Repeatable 3 times Fundamentals of Intercollegiate competition: Team competition in swimming and/or diving; advancing skills in the four competitive strokes; for diving, progressions on the one meter and three meter boards.	F13 0835.50
ATHL 43	Intercollegiate Swimming & Diving Team Pre-season Conditioning 1 unit, 4 hours lab (GR or P/NP) Repeatable 3 times Fundamentals of intercollegiate competition: A comprehensive course designed for the student athlete covering advanced intercollegiate swimming and diving skills. The course includes theories and analyses of skill acquisition, development of fitness skills and mental preparation for competition.	F13 0835.50
ATHL 53	Intercollegiate Water Polo Team Pre-season Preparation 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Repeatable 3 times Activity class: Fundamentals of intercollegiate competition; team competition in water polo; advanced skills in passing, dribbling, shooting and defense; team organization; strategy; team leadership.	F13 0835.50
ATHL 59	Intercollegiate Track and Field	F13

COURSE ADDITIONS

3 units, 10 hours lab (GR or P/NP)
 Acceptable for credit: CSU/UC
 Repeatable 3 times

Fundamentals of intercollegiate competition: Theory, team organization, technique, strategy, and leadership. 0835.50

ATHL 60 Track and Field Foundations F13

3 units, 10 hours lab (GR or P/NP)
 Acceptable for credit: CSU/UC
 Repeatable 3 times

Fundamentals of intercollegiate competition: Review of the fundamental aspects of track and field; sprinting, the jumps, the throws, hurdling and middle/long distance running for intercollegiate competition or general knowledge of the sport. 0835.50

ATHL 73 Volleyball Team Pre-season Preparation F13

0.5 units, 2 hours lab (GR or P/NP)
 Acceptable for credit: CSU/UC
 Repeatable 3 times

Intercollegiate Volleyball Team Pre-season training. The course includes fundamentals of intercollegiate competition: Team competition in volleyball: Advanced skill development, offensive and defensive strategies. 0835.50

CHIN 25A Chinese Character Writing I F14

3 units, 3 hours lecture (GR or P/NP)
 Acceptable for credit: CSU

Introductory course for learners of Chinese character writing: Emphasis on the construction of Hanzi (Chinese characters), including basic strokes, the proper stroke order, and the most frequently used radicals; provides the opportunity to practice the art of ancient calligraphy. 1007.00

CHIN 25B Chinese Character Writing II F14

3 units, 2 hours lecture/2 hours lab (GR or P/NP)
 Acceptable for credit: CSU

Continuation CHIN 25A: Emphasis on the construction of Hanzi (Chinese characters), including basic strokes, the proper stroke order, and the most frequently used radicals; provides the opportunity to practice the art of ancient calligraphy. 1007.00

CIS 25B C++ Programming Language II F14

4 units, 3 hours lecture/3 hours lab (GR or P/NP)
Prerequisite: CIS 25 or 36A

Continuation of CIS 25. Object-oriented program design using the C++ programming language: Designing and programming with exceptions, threads, file input/output (I/O); networking and graphic classes; developing code using tools such as .NET; and working with projects in areas such as animation. 0707.10

CIS 77A Network Architecture I S15

4 units, 3 hours lecture/3 hours lab (GR or P/NP)

COURSE ADDITIONS

Introduction to current and emerging network architecture technology: Safety, network terminology, protocols, network standards, LANs, WANs, OSi model, cabling options, routers, and topologies. 0707.10

COUN 201	Orientation to College: Student Success and Support Program 1 unit, 1 hour lecture (P/NP)	F14
	Information for new students: College programs, policies and procedures, campus resources, assessments; and abbreviated Student Educational Plan (SEP).	4930.00
CULIN 234	Introduction to Cooking Techniques 4 units, 2 hours lecture/6 hours lab (GR)	S15
	Designed to introduce students to food preparation of and terminology; Basic preparation of salads, sandwiches, breakfast cooking and knife cuts, sanitation and safety; professional responsibilities.	1306.30
DANCE 8A	Dance Composition and Choreography 3 units, 1 hour lecture/6 hours lab (GR) <i>Prerequisite: DANCE 64</i> <i>Recommended preparation: DANCE 68</i> Acceptable for credit: CSU/UC	F13
	Study and development of skills, technique, choreographic devices and elements for dance composition: Improvisation, accompaniment, ideas culminating in the presentation of original movement or performance and evaluation.	1008.00
DANCE 60	Ballet I 1 unit, 3 hours lab (GR) Acceptable for credit: CSU/UC	F13
	Study and development of beginning skills and techniques of ballet: Body alignment, placement, positions of the feet, carriage of the arms and musicality.	1008.00
DANCE 61	Ballet II 1 unit, 3 hours lab (GR) Acceptable for credit: CSU/UC	F13
	Intense study and development of the skills and techniques of ballet: Body alignment, placement, positions of the feet, carriage of the arms and musicality and movement quality.	1008.00
DANCE 62	Ballet III 1 unit, 3 hours lab (GR or P/NP)	F14
	Intense study and development of the skills and techniques of ballet of an advanced/intermediate level: Including continued study of classical alignment, adagio, petit and grand allegro.	1008.00

COURSE ADDITIONS

DANCE 63	<p>Ballet IV 1 unit, 3 hours lab (GR or P/NP)</p> <p>Intense study and development of the skills and techniques of ballet of advanced level: Including continued study of classical alignment, adagio, petit and grand allegro. 1008.00</p>	F14
DANCE 64	<p>Jazz Dance I 1 unit, 3 hours lab (GR) Acceptable for credit: CSU/UC</p> <p>Study and development of the skills and techniques of jazz dance: Development of beginning to intermediate level proficiency in skills related to rhythm, dance production, stagecraft and choreography. 1008.00</p>	F13
DANCE 65	<p>Jazz Dance II 2 units, 1 hour lecture/3 hours lab (GR) Acceptable for credit: CSU/UC</p> <p>Study and development of the skills and techniques of jazz dance: Development of intermediate to advanced level proficiency in skills/knowledge related to body awareness and body mechanics, musicality, choreography and evolution of jazz dance forms. 1008.00</p>	F13
DANCE 66	<p>Jazz Dance III 2 units, 1 hour lecture/3 hours lab (GR) <i>Recommended preparation: DANCE 65</i> Acceptable for credit: CSU/UC</p> <p>Study and development of the skills and techniques of jazz dance: Intermediate-advanced proficiency in dance mechanics, dance anatomy, musicality, jazz dance choreography, dance production, stage performance and dance history. 1008.00</p>	F13
DANCE 67	<p>Jazz Dance IV 2 units, 1 hour lecture/3 hours lab (GR) <i>Recommended preparation: DANCE 66</i> Acceptable for credit: CSU/UC</p> <p>Study and development of the skills and techniques of jazz dance: Advanced proficiency in dance mechanics, dance anatomy, musicality, jazz dance choreography, dance production, stage performance and dance history. 1008.00</p>	F13
DANCE 68	<p>Modern Dance I 1 unit, 3 hours lab (GR) Acceptable for credit: CSU/UC</p> <p>Study and development of beginning skills and techniques: Evolution of modern dance from its origins to present day. 1008.00</p>	F13
DANCE 69	<p>Modern Dance II 2 units, 1 hour lecture/3 hours lab (GR)</p>	F13

COURSE ADDITIONS

Prerequisite: DANCE 40
Acceptable for credit: CSU/UC

Study and development of intermediate skills and technique in Modern dance: Evolution of modern dance from its origins to present day and the development of individual movement styles. 1008.00

DANCE 70 **Modern Dance III** F13
2 units, 1 hour lecture/3 hours lab (GR)
Prerequisite: DANCE 69
Acceptable for credit: CSU/UC

Study and development of advanced/intermediate skills and technique in Modern dance: Proficiency in dance mechanics, dance anatomy, history, the development of choreography, individual movement styles and performance. 1008.00

DANCE 71 **Modern Dance IV** F13
2 units, 1 hour lecture/3 hours lab (GR)
Prerequisite: DANCE 70
Acceptable for credit: CSU/UC

Study and development of advanced skills and technique in Modern dance: Proficiency in dance mechanics, dance anatomy, the historical, philosophical and social evolution of modern dance from its origins to present day, choreography, performance and repertory work. 1008.00

DANCE 72 **Jazz Tap I** F13
1 unit, 3 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Study and development of beginning skills and techniques of Jazz Tap dance: Evolution of tap dance from its African origins to the present and its influences on jazz dance. 1008.00

DANCE 73 **Jazz Tap II** F13
1 unit, 3 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Intense study and development of beginning/intermediate skills and techniques of Jazz Tap dance: Evolution of tap dance from its African origins to the present; influence on jazz dance; study and development of related skills and techniques. 1008.00

DANCE 76 **West African Dance I** F13
1 unit, 3 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Study of the skills and techniques of traditional West African dance forms: History, folklore, culture, language and costumes of various indigenous ethnic groups. 1008.00

DANCE 77 **West African Dance II** F13
1 unit, 3 hours lab (GR or P/NP)

COURSE ADDITIONS

Acceptable for credit: CSU/UC

Intense study of the skills and techniques of traditional West African dance forms: History, folklore, culture, language and costumes of various indigenous ethnic groups.
1008.00

DANCE 78 West African Dance III F13
1 unit, 3 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Intense study of the skills and techniques of traditional West African dance forms from Senegal and Guinea: History, folklore, culture, language and costumes of indigenous ethnic groups. 1008.00

DANCE 79 West African Dance IV F13
1 unit, 3 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Intense study of the skills and techniques of traditional West African dance forms from Mali and Liberia: History, folklore, culture, language and costumes of indigenous ethnic groups. 1008.00

DANCE 80 Haitian Dance I F13
1 unit, 3 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Study and development of skills and technique in African Haitian Dance: Music and rhythm identification rooted in the social, cultural and historical context of African and Caribbean dance; technical foundation based in Katherine Dunham technique. 1008.00

DANCE 81 Haitian Dance II F14
1 unit, 3 hours lab (GR or P/NP)

Further study and development of the skills and techniques of traditional Haitian dance: Body alignment, placement, cultural significance, musicality and movement quality. 1008.00

DANCE 82 Haitian Dance III F14
1 unit, 3 hours lab (GR or P/NP)

Intense study of the skills and techniques of Haitian dance of an advanced/intermediate level, with a specific focus on specific regions of Haiti. 1008.00

DANCE 83 Haitian Dance IV F14
1 unit, 3 hours lab (GR or P/NP)

Intense study and development of the skills and techniques of intermediate/advanced Haitian dance: Including body alignment, placement, singing while dancing, performance, with a focus on regional variations of Haitian dance from the Congo Nation as well as Social dances of Haiti. 1008.00

COURSE ADDITIONS

E/ET 228	<p>Advanced Lighting Controls 4 units, 2 hours lecture/3 hours lab (GR) <i>Prerequisite: E/ET 226</i></p> <p>Advanced Lighting Controls with specific application in lighting industry and efficiency: Automatic controls, switches and dimmers, sensors and LED lighting sources, outdoors lighting, Daylighting and energy efficiency for commercial buildings, and use of data to apply the Title 24 requirements, for Acceptance Test Technician qualifications. 0934.40</p>	F14
E/ET 229	<p>PLC (Programmable Logic Controllers) 3 units, 2 hours lecture/3 hours lab (GR) <i>Prerequisite: 203, 221</i></p> <p>Basic operating principles of the modern PLC (Programmable Logic Controllers): Operation, usage, instruction, applications, hardware, 0934.40</p>	S15
E/ET 230	<p>Acceptance Test Technician Certification 1.5 units, 1 hour lecture/1.5 hours lab (GR or P/NP) <i>Prerequisite: E/ET 203, 214A, 218, 226</i></p> <p>Lighting Technology and California Building Energy Efficiency Standards: Occupant-sensing lighting controls, automatic daylighting controls, demand response controls, and outdoor lighting. Students obtain a certificate by passing the written exam and hands-on/lab exam. 0934.40</p>	S15
ECT 101	<p>Fundamentals of Building Science 3 units, 3 hours lecture (GR) <i>Prerequisite: MATH 201</i></p> <p>Principles of physics relevant to building's indoor environment and its control: Thermodynamics, fluid mechanics, refrigeration cycles, electricity and energy conversion, and properties of light. Emphasis will be on the basic principles of physics and their application to building and their environmental control. 0946.00</p>	S15
ESL 206	<p>Spelling 3: Spelling and the Dictionary 4 units, 4 hours lecture (GR or P/NP) <i>Prerequisite: ESL 256B</i> Acceptable for credit: CSU, UC pending</p> <p>Study of the spelling of American English: Focus upon dictionary skills. 4930.87</p>	S15
ETHST 12	<p>Economics and Social Change: Racial Conflict and Class in America 3 units, 3 hours lecture (GR or P/NP) Acceptable for credit: CSU, UC pending</p> <p>Historical examination of the experiences of African-American, Asian-American, Spanish-Speaking, and other minorities working in the 20th century, with special attention to union organizing. 2203.00</p>	F14

COURSE ADDITIONS

ETHST 13	<p>Introduction to Community Based Research in Urban America 3 units, 3 hours lecture (GR or P/NP) Acceptable for credit: CSU, UC pending</p> <p>Basic principles of community development: Models of successful community practice and how to create social capital. Case study methods will be used to explore resource mapping, problem assessment, and strategies for funding community based organizations. 2203.00</p>	F14
ETHST 14	<p>Community Building and Transformation in Urban America 3 units, 3 hours lecture (GR or P/NP) Acceptable for credit: CSU, UC pending</p> <p>Community organizing as a practice in areas of public service, non-profit work, and electoral politics: Political economy of community development through historical study of disenfranchised ethnic, racial, gendered and immigrant groups in the groups in the U.S. 2203.00</p>	F14
HIST 3B	<p>Modern World History: 1500-Present 3 units, 3 hours lecture (GR or P/NP) Acceptable for credit: CSU/UC</p> <p>Survey of world history since 1500: Developments of the modern world as shaped by social, economic, political, philosophical, and historic forces. 2205.00</p>	F13
KIN 2	<p>Lap Swimming 0.5 unit, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC</p> <p>Activity class: Progressive workouts and instruction in lap swimming using the four competitive swim strokes; emphasis on developing cardiovascular fitness; increased distance and speed; exposure to aquatic sports. 0835.00</p>	F13
KIN 4	<p>Swimming for Fitness 0.5 unit, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC</p> <p>Development of cardiovascular fitness and strength through swimming and aquatic skills to enhance personal fitness levels. 0835.00</p>	F13
KIN 14B	<p>Water Polo II—Beginning 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC</p> <p>Activity class: Beginning principles and fundamentals in badminton. 0835.00</p>	F13
KIN 14C	<p>Water Polo III--Intermediate 0.5 unit, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC</p>	F13

COURSE ADDITIONS

Activity class: Development of intermediate water polo skills; including passing, shooting, and other playing skills. Includes game strategy and rules. 0835.00

KIN 19A Aquatic Exercise I—Fundamentals S15
0.5 unit, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC pending

Activity class: Development of personal fitness with a focus on cardiovascular and muscular fitness through various fundamental vertical aquatic movement exercises utilizing the low impact environment of the pool. 0835.00

KIN 19B Aquatic Exercise II—Beginning S15
0.5 unit, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC pending

Activity class: Development of personal fitness with a focus on cardiovascular and muscular fitness through various beginning vertical aquatic movement exercises, speed progressions and exercises utilizing the low impact environment of the pool. 0835.00

KIN 47B Stationary Cycling II--Beginning S14
0.5 units, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Development of cardiovascular fitness: Stationary bicycle pedaling at various speeds and resistances, simulating hill climbing, racing, and other cycling situations. Moderate cardiovascular workout. 0835.00

KIN 47C Stationary Cycling III--Intermediate S14
0.5 units, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Development of cardiovascular fitness: Stationary bicycle pedaling at various speeds and resistances, simulating hill climbing, racing, and other cycling situations. Intermediate cardiovascular workout. 0835.00

KIN 51B Yoga II--Beginning S14
0.5 units, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Development of beginning yoga stretches, postures, and relaxation techniques. Increased use of conscious breathing patterns. 0835.00

KIN 51C Yoga III--Intermediate S15
0.5 units, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC pending

Activity class: Development of intermediate yoga stretches, postures, core strengthening, relaxation techniques, and personal practice. 0835.00

COURSE ADDITIONS

KIN 58A	Fitness Center Strength Training I—Fundamentals 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Activity class: Instruction of fundamental techniques for strength training using resistance equipment to improve strength, endurance and size of skeletal muscles.	S14 0835.00
KIN 58B	Fitness Center Strength Training II—Beginning 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Activity class: Instruction of beginning techniques for strength training using resistance equipment to improve strength, endurance and size of skeletal muscles.	S14 0835.00
KIN 58C	Fitness Center Strength Training III—Intermediate 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Activity class: Instruction of intermediate techniques for strength training using resistance equipment to improve strength, endurance and size of skeletal muscles.	S14 0835.00
KIN 58D	Fitness Center Strength Training IV—Experienced 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Activity class: Instruction of experienced techniques for strength training using resistance equipment to improve strength, endurance and size of skeletal muscles.	S14 0835.00
KIN 74A	Badminton I—Fundamentals 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Activity class: Basic fundamentals and skills in badminton.	S14 0835.00
KIN 74B	Badminton II—Beginning 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Activity class: Beginning principles and fundamentals in badminton.	S14 0835.00
KIN 74C	Badminton III—Intermediate 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC Activity class: Intermediate fundamentals and skills in badminton.	S14 0835.00
KIN 74D	Badminton IV—Competitive 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC	S14

COURSE ADDITIONS

	Activity class: Competitive strategies and skills in badminton.	0835.00	
KIN 76A	Baseball I—Fundamentals 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC		F13
	Activity class: Fundamentals and skills in baseball.	0835.00	
KIN 76B	Baseball II—Beginning 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU/UC		F13
	Activity class: Beginning level development of baseball skills.	0835.00	
KIN 80B	Basketball II—Beginning 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC		F13
	Activity Class: Beginning level of basketball rules and skills, introductory concepts of offense and defense.	0835.00	
KIN 80C	Basketball III—Intermediate 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC		S14
	Activity class: Intermediate introduction of basketball fundamentals, introductory concepts of offense and defense.	0835.00	
KIN 80D	Basketball IV—Competitive 0.5 units, 2 hours lab (GR or P/NP) Acceptable for credit: CSU/UC		S14
	Activity Class: Introduction to competitive level basketball techniques through practice drills.	0835.00	
KIN 89A	Football - Offensive I –Fundamentals 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU/UC		S14
	Activity class: Current concepts of offense are examined using game footage, practices, and computer assisted analysis.	0835.00	
KIN 89B	Football - Offensive II –Beginning 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU/UC		S14
	Activity class: Current concepts of offense are examined using game footage, practices, and		

COURSE ADDITIONS

computer assisted analysis. Concepts are examined and applied to attack opponent's offensive strategies. Strategy, techniques, game rules, developmental drills, strength and conditioning programs are covered. 0835.00

KIN 90A Football – Defensive I—Fundamentals S14

1 unit, 4 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Current concepts of defense are examined using game footage, practice, and computer assisted analysis. 0835.00

KIN 90B Football – Defensive II—Beginning S14

1 unit, 4 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Current concepts of defense are examined using game footage, practice, and computer assisted analysis. Concepts are examined and applied to attack opponent's defensive strategies. Strategy, techniques, game rules, development drills, strength and conditioning programs are covered. 0835.00

KIN 93 Football Fundamentals I S14

2 unit, 2 hours lecture (GR or P/NP)
Acceptable for credit: CSU/UC

Basic introduction to the knowledge of strategy, rules, and principles of team play in football. 0835.00

KIN 94 Football Fundamentals II S14

2 unit, 2 hours lecture (GR or P/NP)
Acceptable for credit: CSU/UC

Advanced knowledge of strategy, rules, and principles of team play in competition football. 0835.00

KIN 95 Football Theory and Practice I S14

2 unit, 2 hours lecture (GR or P/NP)
Acceptable for credit: CSU/UC

Basic theory and techniques through lecture and practice drills. 0835.00

KIN 96 Football Theory and Practice II S14

2 unit, 2 hours lecture (GR or P/NP)
Acceptable for credit: CSU/UC

Advanced theory and techniques through lecture, practice drills, and game situations. 0835.00

KIN 107B Tennis II—Beginning F13

0.5 units, 2 hours lab (GR or P/NP)

COURSE ADDITIONS

Acceptable for credit: CSU/UC

Activity Class: Fundamentals and Beginning Skills in Tennis. 0835.00

KIN 110A Track and Field I--Fundamentals S140.5 units, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Fundamentals and skills in track and field. 0835.00

KIN 111B Aerobics of Jogging II--Beginning F130.5 units, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Development of cardiovascular and respiratory systems of the body through oxygen intake; increased tolerance for jogging/running. 0835.00

KIN 120B Volleyball II--Beginning F130.5 units, 2 hours lab (GR or P/NP)
Acceptable for credit: CSU/UC

Activity class: Beginning level of volleyball rules and skills, introductory concepts of offense and defense. 0835.00

KIN 134 Care and Prevention of Athletic Injuries F133 units, 3 hours lecture (GR or P/NP)
Acceptable for credit: CSU/UC

Care and prevention of athletic injuries: Techniques for preventing, identifying, and treating injuries commonly associated with athletics. 0835.00

MEDIA 102A Broadcast Journalism A S153 units, 3 hours lecture (GR or P/NP)
Acceptable for credit: CSU/UC

Study of television and digital news production: Research and practice in the creative writing, reporting and production of current news. 0604.20

MEDIA 102B Broadcast Journalism B S153 units, 3 hours lecture (GR or P/NP)
Acceptable for credit: CSU/UC

Continuation of Media 102A, with emphasis in writing and performance of news stories. 0604.20

MEDIA 181 Digital Cinema Production in 4K S153 units, 3 hours lecture (GR or P/NP)
Prerequisite: MEDIA 104
Recommended preparation: MEDIA 180; 120; 121; MUSIC 122
Acceptable for credit: CSU

Advanced digital cinema techniques in 4K production and postproduction workflows;

COURSE ADDITIONS

Emphasis on the use of the Scarlet-X camera from Red Digital Cinema, use of other cameras in 4K mode. 0604.20

MUSIC 100	<p>Music Fundamentals</p> <p>3 units, 2 hours lecture/3 hours lab (GR or P/NP) Acceptable for credit: CSU, UC</p> <p>Introduction to the notation and primary elements of tonal music: Staff notation in treble and bass clefs, rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; and diatonic chords. Development of skills in handwritten notation is expected. 1004.00</p>	M14
MUSIC 101	<p>Music Theory I</p> <p>3 units, 3 hours lecture (GR or P/NP) <i>Recommended concurrent enrollment in MUSIC 121, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p> <p>Composition and analysis of music: Rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chords, basic cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. 1004.00</p>	F14
MUSIC 102	<p>Music Theory II</p> <p>3 units, 3 hours lecture (GR or P/NP) <i>Recommended preparation: MUSIC 101 and 121</i> <i>Recommended concurrent enrollment in MUSIC 122, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p> <p>Continuation of Music 101: Composition and analysis of music: Introduction to two-part counterpoint; voice leading involving four-part chorale writing; diatonic harmony; and an introduction to secondary/applied chords and modulation. 1004.00</p>	F14
MUSIC 103	<p>Music Theory III</p> <p>3 units, 3 hours lecture (GR or P/NP) <i>Recommended preparation: MUSIC 102 and 122</i> <i>Recommended concurrent enrollment in MUSIC 123, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p> <p>Continuation of Music 102: Composition and analysis of music: Chromatic harmony; secondary/applied chords; modulation; borrowed chords; introduction to Neapolitan and augmented-sixth chords. 1004.00</p>	F14
MUSIC 104	<p>Music Theory IV</p> <p>3 units, 3 hours lecture (GR or P/NP) <i>Recommended preparation: MUSIC 103 and 123</i> <i>Recommended concurrent enrollment in MUSIC 124, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p>	F14

COURSE ADDITIONS

Continuation of Music 103: Composition and analysis; post-Romantic techniques such as borrowed chords and modal mixture, chromatic mediants, Neapolitan and augmented-sixth chords, 9th, 11th and 13th chords, altered chords and dominants; and 20th century techniques such as: Impressionism, tone rows, set theory, pandiatonicism and polytonalism, meter and rhythm. 1004.00

MUSIC 105 **Classic Guitar I** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
 Acceptable for credit: CSU, UC

Individualized instruction for level I acoustical guitar: Classical finger style techniques, reading music, basic chord symbols, strums, and simple song accompaniments. Performance evaluation by music faculty. 1004.00

MUSIC 106 **Classic Guitar II** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 105
 Acceptable for credit: CSU, UC

Individualized instruction for level II acoustical guitar: Classical finger style techniques, reading music, basic chord symbols, strums, and simple song accompaniments. Performance evaluation by music faculty. 1004.00

MUSIC 107 **Classic Guitar III** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 106
 Acceptable for credit: CSU, UC

Individualized instruction for level III acoustical guitar: Classical finger style techniques, reading music, basic chord symbols, strums, and simple song accompaniments. Performance evaluation by music faculty. 1004.00

MUSIC 108 **Classic Guitar IV** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 107
 Acceptable for credit: CSU, UC

Individualized instruction for level IV acoustical guitar: Classical finger style techniques, reading music, basic chord symbols, strums, and simple song accompaniments. Performance evaluation by music faculty. 1004.00

MUSIC 109 **Beginning Winds I** S14
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
 Acceptable for credit: CSU, UC

Individualized instruction for level I Woodwind technique and theory: Instrument assembly, breath support, instrument position, embouchure, tone production, articulation, and lip slurs; progressive development of skills needed for solo performance. 1004.00

MUSIC 110 **Beginning Winds II** F13

COURSE ADDITIONS

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Prerequisite: MUSIC 109

Acceptable for credit: CSU, UC

Individualized instruction for level II Woodwind technique and theory: Balance and blending, basic improvisation, tone production, embouchure, instrument position, and basic woodwind technique; progressive development of skills needed for solo performance. 1004.00

MUSIC 111 **Beginning Winds III F13**

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 110

Acceptable for credit: CSU, UC

Individualized instruction for level III Woodwind technique and theory: Efficient practice strategies, introduction to pedagogy, performance issues, instrumental technique; emphasis on the progressive development of skills needed for solo performance. 1004.00

MUSIC 112 **Beginning Winds IV S14**

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 111

Acceptable for credit: CSU, UC

Individualized instruction for level IV Woodwind technique and theory: Doubling, performance issues, pedagogy, solo repertoire; emphasis on the progressive development of skills needed for solo performance. 1004.00

MUSIC 113 **Beginning Percussion I S14**

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Acceptable for credit: CSU, UC

Individualized instruction for level I percussion techniques and theory: Rhythmic notation, fundamentals of snare performance, fundamentals of 3-line notational instruments, introduction to keyboard-percussion instruments, introduction to orchestral percussion; progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. 1004.00

MUSIC 114 **Beginning Percussion II S14**

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 113

Acceptable for credit: CSU, UC

Individualized instruction for level II percussion techniques and theory: Basic hand technique, foot technique, reading percussion notation, improvisation, and introduction to World Music drumming styles; progressive development of skills needed for solo performance. 1004.00

MUSIC 115 **Beginning Percussion III S14**

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 114

Acceptable for credit: CSU, UC

Individualized instruction for level III percussion techniques and theory: Advanced level solos

COURSE ADDITIONS

for snare drum, and keyboard-mallet percussion instruments meter precision and rhythmic skills, advanced techniques for performing hand percussion instruments, rhythmic accompanying; progressive development of skills needed for solo performance. 1004.00

- MUSIC 116** **Beginning Percussion IV** M14
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 115
 Acceptable for credit: CSU, UC
- Individualized instruction for level IV percussion techniques and theory: Odd meters, Brazilian, Cuban, Caribbean, brush technique; progressive development of skills needed for solo performance. 1004.00
- MUSIC 117** **Voice I** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
 Acceptable for credit: CSU, UC
- Individualized instruction for beginning vocal techniques and theory: Posture, breathing, phonation, resonance, and preparation of lyrics; progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. 1004.00
- MUSIC 118** **Voice II** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 117
 Acceptable for credit: CSU, UC
- Individualized instruction for level II vocal techniques and theory: Postures other than standing, vowel color, vocal range, intonation, and changes of register; progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. 1004.00
- MUSIC 119** **Voice III** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 118
 Acceptable for credit: CSU, UC
- Individualized instruction for level III vocal techniques and theory: Anatomy of registers and pitch, consonants, pharyngeal adjustment, vibrato, and special registers in women and men; progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. 1004.00
- MUSIC 120** **Voice IV** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 122
 Acceptable for credit: CSU, UC
- Individualized instruction for level IV vocal techniques and theory: Vocal initiation and glottal tension, vowel placement, preparing songs in German and French, voice classification, and ensemble singing; progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. 1004.00

COURSE ADDITIONS

MUSIC 121	<p>Musicianship I 1 unit, 4 hours lab (GR or P/NP) <i>Recommended concurrent enrollment in MUSIC 101, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p> <p>Application and development of rhythmic, melodic, and harmonic materials of Music Theory I: Ear training, sight singing, analysis, and dictation. 1004.00</p>	F14
MUSIC 122	<p>Musicianship II 1 unit, 4 hours lab (GR or P/NP) <i>Recommended preparation: MUSIC 101 and 121</i> <i>Recommended concurrent enrollment in MUSIC 102, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p> <p>Continuation of Music 121: Application and development of rhythmic, melodic, and harmonic materials of Music Theory II; ear training, sight singing, analysis, and dictation. 1004.00</p>	F14
MUSIC 123	<p>Musicianship III 1 unit, 4 hours lab (GR or P/NP) <i>Recommended preparation: MUSIC 102 and 122</i> <i>Recommended concurrent enrollment in MUSIC 103, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p> <p>Continuation of Music 122: Application and development of rhythmic, melodic, and harmonic materials of Music Theory III; ear training, sight singing, analysis, and dictation. 1004.00</p>	F14
MUSIC 124	<p>Musicianship IV 1 unit, 4 hours lab (GR or P/NP) <i>Recommended preparation: MUSIC 103 and 123</i> <i>Recommended concurrent enrollment in MUSIC 104, MUSIC 138-141, MUSIC 142-145, or MUSIC 146-149</i> Acceptable for credit: CSU, UC pending</p> <p>Continuation of Music 123: Application and development of rhythmic, melodic, and harmonic materials of Music Theory IV; ear training, sight singing, analysis, and dictation. 1004.00</p>	F14
MUSIC 125	<p>Chorus 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU, UC pending</p> <p>Study and interpretation of a wide variety of accompanied and unaccompanied choral literature. Participation in public performance is required. 1004.00</p>	F14
MUSIC 126	<p>Jazz Orchestra 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU, UC pending</p>	F14

COURSE ADDITIONS

	Study and performance of Jazz Orchestra literature. Participation in public performance required.	1004.00
MUSIC 127	Jazz Combos 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU, UC pending	F14
	Study and performance of Jazz literature and arrangements: Designed for jazz-oriented instrumentalists interested in performing in small jazz ensembles.	1004.00
MUSIC 128	Choral Repertoire 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU, UC pending	S15
	Study and performance of advanced choral literature.	1004.00
MUSIC 129	Jazz Orchestra Repertoire 1 unit, 4 hours lab (GR or P/NP) Acceptable for credit: CSU, UC pending	S15
	Performance in and management of the Jazz Orchestra for the advanced instrumental student: Study and analysis of advanced repertoire, conducting and rehearsal techniques, literature selection, and organizing public performances.	1004.00
MUSIC 130	Elementary Piano Method I 1 unit, 1 hour lecture/2 hours lab (GR or P/NP) Acceptable for credit: CSU, UC	F13
	Individualized study of level I beginning piano techniques and theory: Five-finger technique in C Major and D Minor, elementary rhythm, legato, staccato, coordination of both hands, beginning theory related to keyboard music, progressive development of skills needed for solo performance. Performance evaluation by music faculty.	1004.00
MUSIC 131	Elementary Piano Method II 1 unit, 1 hour lecture/2 hours lab (GR or P/NP) <i>Recommended preparation: MUSIC 130</i> Acceptable for credit: CSU, UC	F13
	Individualized study of level II beginning piano techniques and theory: Five-finger technique in G Major, F Major and E Minor extending to a sixth, finger crossing and chord playing, use of damper pedal, meters with half note and eighth note beats, beginning theory related to level II keyboard music, progressive development of skills needed for solo performance. Performance evaluation by music faculty.	1004.00
MUSIC 132	Elementary Piano Method III 1 unit, 1 hour lecture/2 hours lab (GR or P/NP) <i>Recommended preparation: MUSIC 131</i> Acceptable for credit: CSU, UC	F13
	Individualized study of level III beginning piano techniques and theory: Scale playing and	

COURSE ADDITIONS

performance in C, G, F, D Major, level III finger technique including intervals of the seventh and octave, techniques for changing positions, recognition and performance of primary triads and seventh chords, progressive development of skills needed for solo performance. Performance evaluation by music faculty. 1004.00

- MUSIC 133** **Elementary Piano Method IV** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 132
 Acceptable for credit: CSU, UC
- Individualized study of level IV beginning piano techniques and theory: Scale playing, reading of notation, and performance in Bb and A Major; A, E, B, D, and G Minor; introduction to chromaticism, diminished, and augmented triads; reading and performance of rhythms including sixteenth notes and triplets; Music History relating to keyboard music; progressive development of skills needed for solo performance. Performance evaluation by music faculty. 1004.00
- MUSIC 134** **Intermediate Piano Literature I** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
 Acceptable for credit: CSU, UC
- Individualized study of level I intermediate piano literature, techniques, and theory: All major scales, keyboard history of Renaissance and Baroque Eras; level I intermediate rhythms, including syncopation, simple and compound meters, sixteenth notes, and triplets; playing duets; progressive development of skills needed for solo performance. Performance evaluation by music faculty. 1004.00
- MUSIC 135** **Intermediate Piano Literature II** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 134
 Acceptable for credit: CSU, UC
- Individualized study of level II intermediate piano literature, techniques, and theory: All harmonic scales, keyboard history pertaining to the Classical Era; triad inversions, and seventh chords; cadences and basic chord progressions; duets; progressive development of skills needed for solo performance. Performance evaluation by music faculty. 1004.00
- MUSIC 136** **Intermediate Piano Literature III** F13
 1 unit, 1 hour lecture/2 hours lab (GR or P/NP)
Recommended preparation: MUSIC 135
 Acceptable for credit: CSU, UC
- Individualized study of level III intermediate piano literature, techniques, and theory: All melodic minor scales, keyboard history pertaining to the Romantic Era; ornamentation; interpretation and execution of triplets; duets; progressive development of skills needed for solo performance. Performance evaluation by music faculty. 1004.00
- MUSIC 137** **Intermediate Piano Literature IV** F13

COURSE ADDITIONS

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 136

Acceptable for credit: CSU, UC

Individualized study of level IV intermediate piano literature, techniques, and theory: Chromatic, octatonic, and whole-tone scales; Twentieth Century piano literature; piano voicing; interpretation and execution odd and changing meter; duets; progressive development of skills needed for solo performance. Performance evaluation by music faculty.

1004.00

MUSIC 138**Jazz Piano I**

F13

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 133

Acceptable for credit: CSU, UC

Individualized study of level I jazz piano literature, techniques, and theory: Overview of jazz piano styles, beginning approaches to comping, major 7, dominant 7, and minor 7 chords as well as 3-note voicings, introduction to improvisation-the blues scale, class performance; progressive development of skills needed for solo performance. Performance evaluation by music faculty.

1004.00

MUSIC 139**Jazz Piano II**

F13

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 138

Acceptable for credit: CSU, UC

Individualized study of level II jazz piano literature, techniques, and theory: Mixolydian and dorian scales, overview of jazz piano styles from 1925 to 1940, intermediate comping, basic jazz theory including 9th chords and 4-note voicings, improvisation on simple chord progressions; class performance; progressive development of skills needed for solo performance. Performance evaluation by music faculty.

1004.00

MUSIC 140**Jazz Piano III**

F13

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 139

Acceptable for credit: CSU, UC

Individualized study of level III jazz piano literature, techniques, and theory: Phrygian dominant scales, overview of jazz piano styles from 1940 to 1960, advanced approaches to comping, jazz theory including minor ii-V-I's, improvisation on standard jazz songs, class performance; progressive development of skills needed for solo performance. Performance evaluation by music faculty.

1004.00

MUSIC 141**Jazz Piano IV**

F13

1 unit, 1 hour lecture/2 hours lab (GR or P/NP)

Recommended preparation: MUSIC 141

Acceptable for credit: CSU, UC

Individualized study of level IV jazz piano literature, techniques, and theory: Altered and

COURSE ADDITIONS

Lydian dominant scales; Jazz piano styles from 1960 to the present; advanced approaches to comping-group interaction, melodic minor harmony; two-hand voicing's improvisation on standard jazz songs, class performance; progressive development of skills needed for solo performance. Performance evaluation by music faculty.

1004.00

MUSIC 142 Instrumental Ensemble S15

1 unit, 4 hours lab (GR or P/NP)

Prerequisite: Ability to read and perform the standard chamber music repertoire on a brass, percussion, string, or woodwind instrument as determined by the instructor.

Acceptable for credit: CSU, UC pending

Study of instrumental ensemble literature: Ensemble playing devoted to the performance of small chamber works for brass, percussion, strings, and woodwind instruments. 1004.00

MUSIC 143 String Ensemble S15

1 unit, 4 hours lab (GR or P/NP)

Other preparation: Ability to play string instruments proficiently as determined by the instructor.

Acceptable for credit: CSU, UC pending

Study and performance of string and chamber literature: Designed for string players interested in performing the standard repertoire of string quartets and other small chamber ensembles. 1004.00

MUSIC 144 Intermediate Jazz Combos S15

1 unit, 4 hours lab (GR or P/NP)

Prerequisite: Ability to play a jazz-oriented instrument proficiently and some knowledge of improvisation as determined by instructor.

Acceptable for credit: CSU, UC pending

Study and performance of intermediate Jazz literature and arrangements: Designed for jazz-oriented instrumentalists interested in performing in small jazz ensembles. 1004.00

MUSIC 145 Advanced Jazz Combos S15

1 unit, 4 hours lab (GR or P/NP)

Prerequisite: Ability to play a jazz-oriented instrument proficiently and some knowledge of improvisation as determined by instructor.

Acceptable for credit: CSU, UC pending

Advanced study and performance of Jazz literature and arrangements: Designed for jazz-oriented instrumentalists interested in performing in small jazz ensembles. 1004.00

MUSIC 225 Choral Repertoire S15

1 unit, 4 hours lab (GR or P/NP)

Advanced level study and interpretation of accompanied and unaccompanied choral literature. Participation in public performance required. 1004.00

MUSIC 226 Jazz Orchestra Repertoire S15

COURSE ADDITIONS

fitness through various group exercise activities.

Not open for credit to students who have completed or are currently enrolled in KIN 33.

0835.00

SPFT 34**Step Aerobics**

M14

0.5 units, 2 hours lab (GR or P/NP)

Acceptable for credit: CSU, UC

Activity class: Development of personal fitness using a step platform and step combinations that focus on developing the cardiovascular system.

Not open for credit to students who have completed or are currently enrolled in KIN 34.

0835.00

SPFT 36**Aerobic Circuits**

M14

0.5 units, 2 hours lab (GR or P/NP)

Acceptable for credit: CSU, UC

Activity class: Development of personal fitness with an emphasis on the cardiovascular, muscular and respiratory systems through a variety of exercise activities.

Not open for credit to students who have completed or are currently enrolled in KIN 36.

0835.00

SPFT 54D**Cross Fitness IV--Experienced**

M14

1 unit, 3 hours lab (GR or P/NP)

Acceptable for credit: CSU, UC

Activity class: Experienced training that employs an advanced principle of resistive exercises which will improve lifetime fitness and overall body fitness with an emphasis on weights.

Not open for credit to students who have completed or are currently enrolled in KIN 54D.

0835.00

SPFT 59A**Strength Training for Sports I--Fundamentals**

M14

0.5 units, 2 hours lab (GR or P/NP)

Acceptable for credit: CSU, UC

Activity class: Fundamental introduction to strength training for a specific sport.

Not open for credit to students who have completed or are currently enrolled in KIN 59A.

0835.00

SPFT 59D**Strength Training for Sports IV--Competitive**

M14

0.5 units, 2 hours lab (GR or P/NP)

Acceptable for credit: CSU, UC

Activity class: Competitive level strength training for a specific sport.

Not open for credit to students who have completed or are currently enrolled in KIN 59D.

0835.00

SPFT 86A**Flag Football I--Fundamentals**

M14

1 unit, 3 hours lab (GR or P/NP)

Acceptable for credit: CSU, UC

COURSE ADDITIONS

Activity class: Basic introduction to flag football skills.

Not open for credit to students who have completed or are currently enrolled in KIN 86A.

0835.00

SPFT 86B **Flag Football II--Beginning** M14
 1 unit, 3 hours lab (GR or P/NP)
 Acceptable for credit: CSU, UC

Activity class: Fundamental instruction to flag football skills.

Not open for credit to students who have completed or are currently enrolled in KIN 86B.

0835.00

SPFT 86D **Flag Football IV--Competitive** M14
 1 unit, 3 hours lab (GR or P/NP)
 Acceptable for credit: CSU, UC

Activity class: Advanced level of competition in flag football development.

Not open for credit to students who have completed or are currently enrolled in KIN 86D.

0835.00

THART 32 **Rehearsal and Production II** S15
 3 units, 4 hours lab (GR)
 Acceptable for credit: CSU/UC

Continuation of Theatre 31. More extensive practical and creative experience in the work and art of producing a performance for an audience at an intermediate level. 1007.00

THART 33 **Rehearsal and Production III** S15
 3 units, 4 hours lab (GR)
 Acceptable for credit: CSU/UC

Continuation of Theatre 32. More extensive practical and creative experience in the work and art of producing a performance for an audience at an advanced level. 1007.00

THART 34 **Rehearsal and Production IV** S15
 3 units, 4 hours lab (GR)
 Acceptable for credit: CSU/UC

Continuation of practical and creative experience in the work and art of producing a performance for an audience at a professional level. 1007.00

WDTEC 211A **Basic Computerized Drafting Techniques** F14
 1 units, 0.5 hour lecture/1.5 hours lab (GR)

Basics of computerized drafting: Principles of applied geometry underlying orthographic and pictorial drawings, developing plans, elevations, sections and isometrics.

Not open for credit to students who have completed or are currently enrolled in ARCH 211A.

0953.00

COURSE CHANGES		
DEPT/NO.	CHANGE COURSE FROM:	CHANGE COURSE TO:
AFRAM 12	Psychology of African-Americans Principles of psychology as they relate to the African-American community: Selected social problems such as prejudice and desegregation, racial conflict, and deviancy in the community from an African-American perspective.	Psychology of African Americans Principles of psychology related to African-American racial identity: Examination of mental health services; coping strategies; African centered theories of black psychology; and the impact of race, class, and gender upon psychological states of being.
ARCH 103	Materials of Construction Prerequisite: ARCH 013	Materials of Construction No prerequisite
ARCH 104A	Beginning Computer Aided Drafting (CAD) Prerequisite: ARCH 013	Beginning Computer Aided Drafting (CAD) No prerequisite
BUS 456A	Occupational Work Experience in Accounting No description	Occupational Work Experience in Accounting Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.
BUS 456C	Occupational Work Experience in Banking and Finance No description	Occupational Work Experience in Banking and Finance Supervised employment of students extending classroom-based occupational learning at an on-the-job learning station relating to students' educational or occupational goals in the field of Banking and Finance.
BUS 456I	Occupational Work Experience in Management and Supervision No description	Occupational Work Experience in Management and Supervision Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.
BUS 456J	Occupational Work Experience in Marketing and Sales No description	Occupational Work Experience in Marketing and Sales Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.
BUS 456Q	Occupational Work Experience in Administrative Office Systems and Applications No description	Occupational Work Experience in Administrative Office Systems and Applications Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.
CARP 206	Energy Efficiency and Weatherization Units: 3.0	High Performance Building Units: 3.5
CARP 211	Elements of Construction	Beginning Carpentry
CARP 220	Rough Framing	CARP 229 Rough Framing

COURSE CHANGES		
	Units: 3.0	Units: 3.5
CARP 221	Advanced Elements of Construction	Finish Carpentry
CARP 230	Stair Building and Framing No prerequisites	Stair Building and Framing Prerequisite: MATH 207
CARP 231	Roof Framing No prerequisites	Roof Framing Prerequisite: MATH 207
CARP 240A	Construction Rehabilitation	Construction Rehabilitation/Kitchens
CARP 240B	Construction Rehabilitation	Construction Rehabilitation/Bathrooms
COMM 19	Survey of Mass Media Survey of traditional and non-traditional mass media in America: Impact of mass media trends and technology into the 21 st century; critical analysis of media messages and examination of mass media from historical, political, social, and cultural perspectives.	Survey of Mass Media Survey of traditional and non-traditional mass media in America: Impact of mass media trends and technology into the 21 st century; critical analysis of media messages and examination of mass media from historical, political, social, and cultural perspectives. Not open for credit to students who have completed or are currently enrolled in JOURN 62.
DANCE 1	History of Dance Theory and history of dance: Dance as an art form, educational medium, and therapeutic tool; contributions of choreographers and artists.	History of Dance Examines topics in classical, contemporary, social, traditional dance; emphasis on works of 20 th Century major choreographers: Survey, discussion, analysis of dance history guided by video, film, text within historical/socio-political/cultural context.
DANCE 7	Dance Study Abroad	Dance Study Abroad Acceptable for credit: CSU
E/ET 214A	Electronics I Units: 4	E/ET 220 Electronics I Units: 3
ENGL 267B	Basic Writing Not open for credit to students who have completed or are currently enrolled in English 252A-B or 259A-D/269A-B.	Basic Writing Not open for credit to students who have completed or are currently enrolled in English 252A-B or 269A-B.
ENGL 268A	Basic Reading Not open for credit to students who have completed or are currently enrolled in English 252A-B or 259A-D/269A-B.	Basic Reading Not open for credit to students who have completed or are currently enrolled in English 252A-B or 269A-B.
ENGL 268B	Basic Reading Not open for credit to students who have completed or are currently enrolled in English	Basic Reading Not open for credit to students who have completed or are currently enrolled in English

COURSE CHANGES		
	252A-B or 259A-D/269A-B.	252A-B or 269A-B.
JOURN 55	Introduction to Journalism Survey of careers in journalism: Study of news media including history and philosophy of news dissemination, and theories of communication; analysis of daily news emphasizing political, historical, economic, and cultural forces which shapes events; may include analysis of reporting and writing news.	Introduction to Journalism Practical newspaper experience: Study of press history, media law, ethics, and production of a magazine featuring student newspaper stories.
KIN 54A	Cross Fitness I--Fundamentals	SPFT 54A Cross Fitness I--Fundamentals
KIN 54B	Cross Fitness II--Beginning	SPFT 54B Cross Fitness II--Beginning
KIN 54C	Cross Fitness III--Intermediate	SPFT 54C Cross Fitness III--Intermediate Not open for credit to students who have completed or are currently enrolled in KIN 54C.
KIN 59B	Strength Training for Sports II--Beginning	SPFT 59B Strength Training for Sports II--Beginning Not open for credit to students who have completed or are currently enrolled in KIN 59B
KIN 59C	Strength Training for Sports III--Intermediate	SPFT 59C Strength Training for Sports III--Intermediate Not open for credit to students who have completed or are currently enrolled in KIN 59C
KIN 86C	Flag Football III--Intermediate	SPFT 59C Flag Football Sports III--Intermediate Not open for credit to students who have completed or are currently enrolled in KIN 86C
KIN 91	Football Officiating I	ATHL 91 Football Officiating I Not open for credit to students who have completed or are currently enrolled in KIN 91
KIN 92	Football Officiating II	ATHL 92 Football Officiating II Not open for credit to students who have completed or are currently enrolled in KIN 92
LCI 203	Consecutive Interpretation No prerequisites	Consecutive Interpretation Prerequisite: LCI 201

COURSE CHANGES		
		Recommended Preparation: LCI 202
MEDIA 104	Beginning Digital Video Production Recommended preparation: MEDIA 110 and 115	Beginning Digital Video Production Recommended preparation: MEDIA 115
MEDIA 111	Basic Audio Production Recommended preparation: MEDIA 110	Basic Audio Production No Recommended preparation
MEDIA 115	Media-Based Computing: iLife and Mac OS X Recommended preparation: MEDIA 110	Media-Based Computing: iLife and Mac OS X No Recommended preparation
MEDIA 125	Script Writing for Video, Broadcast and Digital Cinematography Recommended preparation: MEDIA 110	Script Writing for Video, Broadcast and Digital Cinematography No Recommended preparation
MEDIA 130	Final Cut Pro I: Nonlinear Editing for Video, Broadcast and Digital Cinematography Recommended preparation: MEDIA 110 and 115	Final Cut Pro I: Nonlinear Editing for Video, Broadcast and Digital Cinematography Recommended preparation: MEDIA 115
MUSIC 15B	Jazz, Blues and Popular Music in the American Culture Study of the contemporary music scene with in-depth investigation of trends in artistic expression: Music as a revolutionary force, the role of the music industry, analysis of performances and interviews.	Jazz, Blues and Popular Music in the American Culture Continuation of Music 15A. Contemporary music scene with in-depth investigation of trends in artistic expression; music as a revolutionary force, the role of the music industry, analysis of performances and interviews.
PHYS 99	Physics for Building Science Prerequisites: MATH 201, 221-D	Physics for Building Science Recommended preparation: MATH 201, 221-D
POSCI 4	Political Theory Acceptable for credit: CSU	Political Theory Acceptable for credit: CSU/UC
PSYCH 24	Abnormal Psychology Prerequisite: PSYCH 1A	Abnormal Psychology Prerequisite: PSYCH 1A Recommended preparation: ENGL 1A
THART 31	Rehearsal and Production	Rehearsal and Production I

COURSE CORRECTIONS		
DEPT/NO.	CHANGE COURSE FROM:	CHANGE COURSE TO:
Associate of Arts Degree in Communication Studies for Transfer	COMM 5 Public Speaking	COMM 45 Public Speaking
ATHL 1	Intercollegiate Women's Basketball	Intercollegiate Women's Basketball Acceptable for credit: CSU/UC Repeatable 3 times
ATHL 12	Baseball Foundations	Baseball Foundations Acceptable for credit: CSU/UC Repeatable 3 times
ATHL 17	Intercollegiate Football	Intercollegiate Football Acceptable for credit: CSU/UC Repeatable 3 times
ATHL 51	Intercollegiate Women's Water Polo	Intercollegiate Women's Water Polo Acceptable for credit: CSU/UC Repeatable 3 times
ATHL 71	Intercollegiate Women's Volleyball	Intercollegiate Women's Volleyball Acceptable for credit: CSU/UC Repeatable 3 times
BIOL 79	Bioreactor Cell Culture and Protein Recovery Prerequisite: BIOL 3, 73 and 75	Bioreactor Cell Culture and Protein Recovery Prerequisite: BIOL 3 or 73 or 75
CULIN 51	Supervision in the Hospitality Industry Pre-requisite: COUN 31, 33, 53, 232	Supervision in the Hospitality Industry Pre-requisite: CULIN 31, 33, 53, 232
MATH 221	Technical Mathematics Prerequisite: MATH 251A-D and or MATH 250	Technical Mathematics Prerequisite: MATH 251A-D or MATH 250
M/LAT 20	Civic Engagement in Latino Communities Acceptable for credit: CSU, UC	Civic Engagement in Latino Communities Acceptable for credit: CSU
SOC 1	Introduction to Sociology No Recommended preparation	Introduction to Sociology Recommended preparation: ENGL 1A
SOC 120	Introduction to Research Methods No prerequisite No Recommended preparation	Introduction to Research Methods Prerequisite: SOC 1 Recommended preparation: MATH 13
THART 19	Script Analysis	THART 20 Script Analysis
THART 22	No title	Acting III

COURSE DEACTIVATIONS		
DEPT/NO.	COURSE TITLE	EFF
AFRAM 6	African-American Philosophy	M14
AFRAM, ASAME, M/LAT, NATAM 17	Perspectives of American Racism	S15
ASAME 29	China in the 20 th Century	S15
CHIN 25	Chinese Character Writing	F14
CIS 42	Computer Information Systems	S15
CIS 45A	Computer Information Systems	S15
CIS 96A	Introduction to System/Software Security and Encryption	S15
CIS 201A	Computer Information Systems	S15
CIS 201B	Computer Information Systems	S15
CIS 203	Computer Information Systems	S15
CIS 217	Computer Information Systems	S15
CIS 218	Computer Information Systems	S15
CIS 242A	Computer Information Systems	S15
CIS 244	Computer Information Systems	S15
CIS 255	Computer Literacy Preparation (Project Bridge)	S15
CULIN 220	Culinary Arts 220	S15
CULIN 230	Culinary Arts 230	S15
CULIN 240	Culinary Arts 240	S15
DANCE 3	Dance Composition	S15
DANCE 20	Haitian Dance	F13
DANCE 22	West African Dance	F13
DANCE 24	Ballroom Dance	F13
DANCE 30	Jazz Dance	F13
DANCE 40	Modern Dance	F13
DANCE 44	Salsa	F13
DANCE 50	Jazz Tap	F13
DANCE 55	Polynesian Dance	F13
DANCE 200	Non-Strenuous Stretch and Strength for Dancers	F13
E/ET 201	Electricity/Electronics Technology	S15
E/ET 216A	Industrial Control I	S15
E/ET 216B	Industrial Control II	S15
ENGL 2	Advanced Expository Writing	S15
ENGL 209	Writing the Research Paper	S15
HIST 3C	Modern World History Since 1750	F13
JOURN 58	Publicity Writing and Newsletter Layout	S15
LIS 500	Computer Laboratory for Library Information Studies	S15
MUSIC 1A	Musicianship	F15
MUSIC 1B	Musicianship	F15
MUSIC 14B	Introduction to Chinese Opera	F15
MUSIC 16	Choral Repertoire and Management	S15
MUSIC 17	College Band and Management	F14
MUSIC 18	Stage Band Repertoire and Management	S15
MUSIC 20	College Band	F14
MUSIC 23	Stage Band	F15
MUSIC 25	College Choir	F15
MUSIC 27	Modern Jazz Ensemble	F15
MUSIC 31	String Ensemble	S15
MUSIC 34	Pop/Jazz/Gospel Vocal Styles	F13
MUSIC 35	Classic Guitar	F13

PROGRAM ADDITIONS

Biomedical Engineering Technology Certificate of Achievement

Thorough technical preparation for career employment in biomedical and medical device manufacturing and engineering technology for laboratory operations. Technical training is provided in biomedical engineering instrumentation, rapid prototyping processes, cleanroom protocols for fabrication of micro/nano-scale devices and components, electronic technology, and compliance with Federal Food and Drug Administration. Regulations related to the medical device manufacturing sector.

Career Opportunities in

1. Advanced manufacturing biomedical technician.
2. Micro/nano-scale fabrication and characterization technician for biomedical technology.
3. Maintenance technicians (medical device equipment and repair).

First Semester:	Units
E/ET 204 Technical Mathematics for Electricians	3
E/ET 203 Basic Electricity	4
CIS 205 Computer Literacy	1

or

BUS 219 Computer Literacy	1
ENGIN 50 Fundamentals of Biomedical Engineering Instrumentation	3

Second Semester:	Units
MACH 20 Machine Technology	4
E/ET 214A Electronics I	3-4
ENGIN 51 Introduction to Biomedical Engineering I	3
ENGIN 53 Regulations for Medical Device Technology	1

Total Units	23-24
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Community Change Studies Program Certificate of Proficiency

The Community Change Studies program combines academic course work and experiential learning to prepare students for careers in community development and related efforts to impact the quality of life in low-income communities and communities of color. The program is designed to equip students with the foundational knowledge and practical skills they will need to take on increasing levels of responsibility in careers in community organizing, development, and other efforts to involve residents, parents, youth and other stakeholders as leaders and practitioners in improving education, public health, housing, jobs creation and other conditions in their communities. Students will engage in academic classroom work with a community engagement component as well as 120 hours of on-site learning (paid internship) at a local community organizing or community development organization.

Career Opportunities in

Community Change Studies graduates will have strong backgrounds for careers in nonprofit, public policy, and systems level work and for academic study at four-year institutions. They will work directly with public and private agencies to build the capacity of individuals and organizations in the East Bay. Many of these positions will be in the nonprofit industry, which, according to the National Center for Charitable Statistics, accounts for 9.2% of all wages and salaries paid in the U.S. Some jobs will also be in human services, where the U.S. Bureau of Labor Statistics projects a 23% growth between 2008 and 2018; these professions include individual and family services, mental health, a range of community rehabilitation services, state government agencies, and community-based organization advocates.

	Units
ETHST 001 Introduction to Ethnic Studies	3
ETHST 012 Economics and Social Change: Racial Conflict and Class in America	3

ETHST 013	Introduction to Community Based Research in Urban America	3
ETHST 014	Community Building and Transformation in Urban America	3
COPEd 451	Occupational Work Experience	3
Total Units		15

English as a Second Language: High Intermediate Certificate of Proficiency

The High Intermediate Certificate of Proficiency in ESL verifies that a student has successfully completed three ESL core classes (Reading and Writing, Listening and Speaking, and Grammar) at the high intermediate level. Students interested in completing this certificate should consult with the ESL program chair and a counselor.

Career Opportunities in

This certificate will prepare immigrant students for vocational programs and job advancement. The certificate will provide international students with evidence of English study, which makes a job-seeker more competitive in many countries.

Complete the following core requirement courses:	Units
ESL 223A High Intermediate Reading and Writing	6
ESL 216A High Intermediate Grammar	4
or	
ESL 217A Advanced Grammar	4
ESL 233A High Intermediate Listening and Speaking	4
or	
ESL 50A Advanced Listening and Speaking	4
Total Units	14

English as a Second Language: Intermediate Certificate of Proficiency

The Intermediate Certificate of Proficiency in ESL verifies that a student has successfully completed three ESL core classes (Reading and Writing, Listening and Speaking, and Grammar) at the intermediate level. Students interested in completing this certificate should consult with the ESL program chair and a counselor.

Career Opportunities in

This certificate will prepare immigrant students for vocational programs and job advancement. The certificate will provide international students with evidence of English study, which makes a job-seeker more competitive in many countries.

Complete the following core requirement courses:	Units
ESL 222A Intermediate Reading and Writing	6
ESL 232A Intermediate Listening and Speaking	4
or	
ESL 233A High Intermediate Listening and Speaking	4
or	

ESL 50A Advanced Listening and Speaking	4
ESL 215A Intermediate Grammar	4
or	
ESL 216A High Intermediate Grammar	4
or	
ESL 217A Advanced Grammar	4
Total Units	14

English as a Second Language: Advanced Certificate of Proficiency

The Advanced Certificate of Proficiency in ESL verifies that a student has successfully completed 14 units of college-level work, including the Advanced ESL Reading and Writing course and at least four other units of Advanced ESL. Students interested in completing this certificate should consult with the ESL program chair and a counselor.

Career Opportunities in

This certificate will help prepare students for vocational programs and job advancement. The certificate will provide international students with evidence of English study, which makes a job-seeker more competitive in many countries.

Complete the following core requirement courses:

	Units
ESL 50A Advanced Listening and Speaking	4
ESL 52A Advanced Reading and Writing	6
ESL 217A Advanced Grammar	4

If you have only taken two of the above courses, the remaining course required for this certificate can be any of the following ESL electives:

	Units
ESL 211 Reading for College Success in the Humanities and Social Sciences	2
ESL 219A Applied Grammar and Editing	4

Up to four college transfer units in a discipline other than ESL

Total Units	14
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PROGRAM CHANGES			
CHANGE PROGRAM FROM		CHANGE PROGRAM TO	
Environmental Control Technology (ECT) Building Performance and Energy Efficiency Certificate of Achievement Requirements:		Environmental Control Technology (ECT) Building Performance and Energy Efficiency Certificate of Achievement Requirements:	
FIRST SEMESTER		FIRST SEMESTER	
ARCH 112 Building Systems	2	E/ET 202 Fundamentals of Electricity for ECT	2
CARP 205 Green Construction Techniques and Materials	2	ECT 11 Mechanical and Electrical Devices	2
CARP 233 Electrical for Carpenters	1.5	ECT 12 Blueprint Reading and Interpretation for ECT	1.5
CARP 240A Construction Rehabilitation	2	ECT 13 Fundamentals of Refrigeration	4
ECT 1 Physics for Building Science	2	ECT 211 Mechanical and Electrical Codes	1.5
ECT 28 Energy Management and Efficiency For Buildings	2	ECT 214 Technical Mathematics for ECT	3
ECT 38 Measurement of Building Energy Efficiency	2	WELD 215 Welding for ECT Technicians	1.5
SECOND SEMESTER		SECOND SEMESTER	
CARP 206 Energy and Weatherization	3.5	E/ET 221 Motors and Drives	2
CARP 232 Plumbing for Carpenters	1.5	ECT 14 Advanced Refrigeration	2
E/ET 227 Customer Service for the Building Trades	2	ECT 15 Refrigeration Troubleshooting	2
ECT 16 Fundamentals of Heating and Air Conditioning	2	ECT 16 Fundamentals of Heating and Air Conditioning	2
ECT 17 Heating and Air Conditioning Troubleshooting	1	ECT 17 Heating and Air Conditioning Troubleshooting	1
ECT 18 HVAC Installation Practices	1	ECT 18 HVAC Installation Practices	1
ECT 39 Energy Auditing and Computer Analysis of Building Efficiency	2	ECT 28 Energy Management and Efficiency in Building Systems	2
ECT 213 Indoor Air Quality	1		
TOTAL UNITS	29.5	TOTAL UNITS	25.5-27.5

APPENDIX A

**Laney College
General Education Requirements for AA/AS Degrees
2014-2015 Advising Form**

Student's Name (Please Print): _____
Last
First
Middle
Student ID #
Major

Legend: R=Remaining IP=In Progress C=Completed U=Units G=Grade

OVERALL REQUIREMENTS

Candidates for the Associate Degree must complete at least 60 units to include courses in a Major, General Education, and Electives, as necessary (see catalog for details).

1. A minimum grade-point average of 2.0 ("C") is required in **EACH** of the following:
 - Overall grade-point average
 - General Education Requirements
2. A minimum grade of "C" or better is required in **EACH COURSE** in the major, English Composition (Area 4a), and Mathematics (Area 4b).
3. At least 12 units must be completed at Laney.
4. Students must complete a minimum of 19 units distributed among Areas 1, 2, 3, 4a, 4b, 4c, 4d and 5.

NOTES: While a course might satisfy more than one General Education Requirement, it may not be counted more than once for this purpose (see exception for Ethnic Studies courses). PCCD will accept a course with a minimum of 4 quarter units to satisfy an area that requires 3 semester units, and a course with a minimum of 1.5 quarter units to satisfy Area 4c which requires a minimum of 1 semester unit.

GRADUATION EVALUATION

It is the student's responsibility to file a "Petition for an Associate Degree" by the deadline specified in the College Academic Calendar, (available in the class schedule or website). Students should file the petition once all course requirements are completed or final courses are in progress. Official transcript of any course work completed outside Peralta District must be on file prior to requesting the evaluation or accompany the petition. Petitions are available in the Admissions and Records Office and must be completed by appointment with a counselor.

AREA 1 – NATURAL SCIENCE

One course with a minimum value of 3 semester units from the following:

- ANTHR 1**
- ASTR 10**
- BIOL 1A, 1B, 2, 3, 4, 10, 11, 20A, 20B, 24, 76**
- CHEM 1A, 1B, 12A, 12B, 25, 30A, 30B**
- ECT 1*, 101**
- ENGIN 100**
- GEOG 1, 9**
- GEOL 10**
- PHYSC 15, 20, 22, 25**
- PHYS 3A, 3B, 4A, 4B, 4C, 10, 99***

* Students will receive credit for one course only.

Course from other College:

External Exam:

	R	IP	C	U	G

AREA 2 – SOCIAL AND BEHAVIORAL SCIENCES

One course with a minimum value of 3 semester units.

AFRAM 1, 2, 5, 8, 11, 12, 14A, 14B, 16, 23, 30, 31, 32, 35**, 38, 45***, 50A, 50B

ANTHR 2, 3, 7, 14, 19

ASAME 21, 26, 29, 30, 32, 35**, 45A, 45B

BIOL 27*

BUS 5

COMM 19

COUN 30, 230

ECON 1, 2

EDUC 1

ENGIN 100

ETHST 1, 12, 13, 14

GEOG 2, 3, 8

HIST 3B, 5, 7A, 7B, 17, 19

HLTED 1

HUMAN 45***

JOURN 62

LABST 10, 13, 20, 21, 22

M/LAT 12, 23, 31, 35**

NATAM 1, 2, 35**

POSCI 1, 2, 3, 4, 6, 18, 21

PSYCH 1A, 6, 12*, 21, 24, 28

SOC 1, 2, 5, 13, 120

* or ** or *** *Students will receive credit for one course only.*

Course from other College: _____ External Exam: _____

- over -

<p>AREA 5 – ETHNIC STUDIES One course with a minimum value of 3 semester units.</p> <p>AFRAM 1, 2, 5, 8, 11, 12, 14A, 14B, 16, 23 26, 29, 30, 31, 32, 35**, 38, 45*</p> <p>ANTHR 14</p> <p>ART 7</p> <p>ASAME 21, 30, 32, 35**, 45A, 45B</p> <p>ENGL 31, 231</p> <p>ETHST 1, 12, 13, 14</p> <p><i>* or ** Students will receive credit for one course only.</i></p> <p>Note: Ethnic Studies courses can be double-counted to fulfill a subject-requirement in one other General Education Area, (although the units are counted only once).</p> <p>Course from other College: _____ External Exam: _____</p>					
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AREA D: SOCIAL SCIENCES – minimum of 9 semester (or 12 quarter) units from at least 2 departments.	R	IP	C	U	G
<p>AFRAM 1, 2, 5, 8, 11, 12, 14A, 14B, 16, 23, 29, 30, 31, 32, 35*, 38, 50A, 50B ANTHR 2¹, 3, 7, 14¹, 19¹ ASAME 21, 26, 29, 32, 35*, 45A, 45B BIOL 27** COMM 19 ECON 1, 2 ETHST 1, 13¹, 14¹ GEOG 1, 2, 3, 8</p> <p>HIST 3B¹, 5, 7A, 7B, 17, 19 JOURN 62 LABST 10 M/LAT 12, 23, 31, 35* NATAM 1, 2, 35* POSCI 1, 2, 3, 4¹, 6, 18 PSYCH 1A, 7A, 12**, 24 SOC 1, 2, 5, 13, 120¹</p> <p>* or ** Students receive credit and certification for one course only.</p> <p>Course from other College: _____ External Exam: _____</p>					
<p>AREA E: LIFELONG LEARNING AND SELF-DEVELOPMENT – minimum 3 semester (or 4 quarter) units. For certification, DD-214 documentation will clear this area.</p> <p>ASAME 32 BIOL 27*, 28 COUN 24, 30, 57</p> <p>HLTED 1 PSYCH 6, 12*</p> <p>* Students receive credit and certification for one course only.</p> <p>Course from other College: _____</p>					
<p>CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS (<i>Not part of CSU-GE Breadth Requirements may be completed prior to transfer</i>). Any of the following combinations are acceptable:</p> <p>POSCI 1 <u>and</u> HIST 7A <u>or</u> HIST 7B <u>or</u> AFRAM 30 <u>or</u> AFRAM 31</p> <p>OR</p> <p>POSCI 6 <u>and</u> POSCI 1 <u>and</u> HIST 7A <u>or</u> HIST 7B <u>or</u> AFRAM 30 <u>or</u> AFRAM 31</p> <p>NOTE: Courses used to meet this requirement may also be used to satisfy requirement in CSU GE/Breadth Area D, (at the option of the receiving CSU campus), although units are counted once. Students are encouraged to check with a counselor for any recent changes in CSU campus exceptions.</p> <hr/> <p>CSU-GE Breadth Requirements Completed: _____ Full <u>or</u> _____ Partial CSU Graduation Requirement in U.S. History, Constitution, and American Ideals Completed: _____ Yes _____ No</p>					

Minimum admission eligibility for upper division transfer applicant: (1) completion of at least 60 CSU transferable units with a minimum GPA of 2.0; (2) a minimum of 30 lower division units of General Education/Breadth within the total 60 CSU transferable units completed; and (3) completion of areas A1, A2, A3 and B4 with a grade of "C" or better.

Associate Degrees for Transfer (AD-T) to CSU: (1) a minimum of 39 units of General Education/Breadth, full completion of Areas A through E; (2) a minimum GPA of 2.0; and (3) completion of at least 60 CSU transferable units. See a counselor for more transfer and AD-T information.

CSU-GE Breadth Requirements Certification: Laney College, Peralta Community College District, can certify either full certification (completion of all requirements in each subject-area) or partial certification (completion by subject- area) of the CSU General Education/Breadth. Official transcripts of any coursework completed outside Peralta District must be on file prior or accompany the certification request. Courses taken at other California Community Colleges will be placed in the CSU- GE Breadth area identified by the offering college the term the course was taken. Courses taken at other colleges/universities may be used if the course content meets the CSU-GE Breadth area standards.

Students should request certification when a final transcript is requested to be sent to their choice of CSU (campus where admission has been accepted), the term prior to transfer. The "Request for Certification" form is available from a counselor or the Admissions & Records Office and can be filed in the Admissions and Records Office. Once certification is completed student records (transcript) will reflect the full or partial CSU-GE Breadth completion.

Students are encouraged to see a counselor by appointment to discuss transfer and the CSU-GE Breadth option as part of an education plan. Counselors are available by appointment through the Counseling Office located in the Laney Tower, 3rd Floor or call (510) 464-3152 or 464-3153.

APPENDIX C

**Laney College
Intersegmental General Education Transfer Curriculum (IGETC)
2014-2015 ADVISING FORM**

Student's Name: _____
 Last First Middle Student ID # Major
 Legend: R=Remaining IP=In Progress C=Completed U=Units G=Grade

	R	IP	C	U	G
AREA 1 – ENGLISH COMMUNICATION CSU: 3 courses required, one each from Group A, B, and C. UC: 2 courses required, one each from Group A and B Group 1A: English Composition, 1 course, 3 semester (or 4-5 quarter) units ENGL 1A Course From Other College: _____ External Exam: _____					
Group 1B: Critical Thinking – English Composition, 1 course, 3 semester (or 4-5 quarter) units ENGL 5 Course From Other College: _____					
Group 1C: Oral Communication (<i>CSU requirement only</i>), 1 course, 3 semester (or 4-5 quarter) units COMM 1A, 44, 45 Course From Other College: _____					
AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING 1 course, 3 semester (or 4-5 quarter) units MATH 1, 2, 3A, 3B, 3C, 3E, 3F, 11, 13, 15, 16A, 16B Course From Other College: _____ External Exam: _____					
AREA 3 – ARTS AND HUMANITIES At least 3 courses, with at least one from the Arts and one from the Humanities: 9 semester (or 12-15 quarter) units 3A ARTS: AFRAM 26 MUSIC 2A, 2B, 3A, 3B, 4A, 4B, 8A, 8B, ART 1, 2, 3, 4, 5, 7 8C, 8D, 9, 10, 15A, 15B DANCE 1 THART 2¹ Course From Other College: _____ External Exam: _____					
3B HUMANITIES: AFRAM 29 HUMAN 6, 7, 16, 30A, 30B, 31A, 31B, 40 ASAME 30 JAPAN 1B+ CHIN 2+, 3+, 4+ M/LAT 30A, 30B ENGL 1B, 12, 17A, 17B, 20, 30A, 30B, 31, 43 PHIL 1, 2, 20A, 20B, 37 FREN 2A+, 2B+ SPAN 1B+, 2A+, 2B+, 22B, 40 Course From Other College: _____ External Exam: _____					
AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES At least 3 courses from at least 2 disciplines or an interdisciplinary sequence: 9 semester (or 12-15 quarter) units AFRAM 1, 2, 5, 8, 11, 12, 14A#, 14B#, 16, 23, 30 HIST 3B¹, 5, 7A, 7B, 17, 19 31, 32, 35*, 38, 45***, 50A, 50B¹ HUMAN 45*** ANTHR 3, 7, 14¹ JOURN 62 ASAME 21, 26, 29, 32, 35**, 45A, 45B LABST 10 BIOL 27** M/LAT 12, 23, 31, 35* COMM 19 NATAM 1, 2,, 35* ECON 1, 2 POSCI 1, 2, 3, 4¹, 6, 18 ETHST 1 PSYCH 1A, 6, 7A#, 12**, 24 GEOG 2, 3, 8 SOC 1, 2, 5, 13, 120¹ Course From Other College: _____ External Exam: _____					
AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES At least 2 courses, one from Physical Science and one from Biological Science; at least one must include a Laboratory (indicated by "L" in parentheses): 7-9 semester (or 9-12 quarter) units 5A PHYSICAL SCIENCES: ASTR 10# GEOL 10 CHEM 1A(L), 1B(L), 12A(L)#, 12B(L)#, PHYS 15#, 20, 20(L), 22, 25 25, 30A(L)#, 30B(L)# PHYS 3A(L)#, 3B(L)#, 4A(L)#, 4B(L)#, 4C(L)#, GEOG 1, 1(L), 9 10#					
5B BIOLOGICAL SCIENCES: ANTHR 1, 1(L) BIOL 1A(L), 1B(L), 2(L)#, 3(L), 4(L)#, 10(L)#, 11#, 20A(L)#, 20B(L)#, 24(L)#					
5C LABORATORY SCIENCE REQUIREMENT: <i>One course with a (L) from Area 5A or 5B satisfies this requirement.</i> Course From Other College: _____ External Exam: _____					
AREA 6A - LANGUAGE OTHER THAN ENGLISH (UC requirement only) Completion of one course (4-5 semester units) at college level, that is considered equivalent to 2 years of high school language, with a grade of "C" or better; OR Completion of two years of high school course work in one language other than English with a grade of "C-" or better (official transcript required); OR Completion of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English (documentation required); OR Satisfactory score on the College Board Subject Test (formerly SAT II) in a language other than English (see a counselor for required scores); OR Score of 3 or better on the College Board Advanced Placement Examination in a language other than English; OR Score of 5 or better on the International Baccalaureate Higher Level Examination in a language other than English; OR Satisfactory completion of a proficiency test administered by a community college or university in a language other than English. Proficiency met by: _____ Laney Course(s) that meet the proficiency level: CHIN 1, FREN 1A, JAPAN 1A, SPAN 1A, 22A, (or more advanced level) _____ Course from other college: Course: _____ College: _____ (official transcript required)					

<p>CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS (<i>Not part of IGETC; may be completed prior to transfer</i>). Any of the following combinations are acceptable:</p> <p style="text-align: center;">POSCI 1 and HIST 7A or HIST 7B or AFRAM 30 or AFRAM 31</p> <p style="text-align: center;">OR</p> <p style="text-align: center;">POSCI 1 and POSCI 6 and HIST 7A or HIST 7B or AFRAM 30 or AFRAM 31</p> <p>NOTE: Courses used to meet this requirement may also be used to satisfy requirement in IGETC Area 4, (at the option of the receiving CSU campus), although units are counted once. Students are encouraged to check with a counselor for any recent changes in CSU campus exceptions.</p>	R	IP	C	U	G
IGETC COMPLETED: ___ Full or ___ Partial					
CSU Graduation Requirement in U.S. History, Constitution, and American Ideals Completed: ___ Yes ___ No					
<p>+ Courses designated with "+" may be counted in Language other than English and one additional area, i.e. Area 3: Humanities.</p> <p>* or ** or *** Student receives credit for one course only.</p> <p>¹ Effective Fall 2013</p> <p># Indicates that transfer credit may be limited by either UC or CSU or both. Please see www.assist.org and consult with a counselor for additional information.</p>					

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) with a grade

of "C" or better will permit a student to transfer from a California community college to a campus in either the California State University (CSU) or the University of California (UC) system without the need after transfer to take additional lower-division general education courses. (Note exception: Students transferring to UC San Diego's Eleanor Roosevelt and Revelle Colleges may complete IGETC, but they must also meet specific general education requirements of those colleges.) It should be noted that completion of the IGETC is not a requirement for admission to the CSU or UC system. However to meet minimum transfer admission eligibility students may need to complete all of Area 1 and Area 2; check with counselor regarding the difference between minimum admission eligibility requirements and general education.

Associate Degrees for Transfer (ADs-T) to CSU: It is possible to fulfill the requirements for an AD-T by completing the IGETC pattern for UC transfer. However, students completing an AD-T and transferring to a CSU requires full completion of Areas 1 through 5 including Group 1C: Oral Communication course. See a counselor for more transfer and AD-T information.

The IGETC is **not advisable** for all transfer students. The IGETC is most advantageous for transfers who have not yet

decided on a major or a campus. Once a student has identified a major, it is important to give priority toward fulfilling all required major preparation courses, particularly in professional or "high unit" majors that select applicants on the basis of satisfaction of lower division major requirements. If a student is pursuing a major that requires extensive lower-division preparation, they may be better served by taking courses which fulfill the CSU General Education/Breadth requirements or the general education of the specific UC campus or college to which they plan to transfer, examples of such majors include, but are **NOT LIMITED** to: Engineering, Business Administration, Computer Science, Pre-professional schools and Sciences.

Restrictions: A student who is initially enrolled at a UC and is returning to the same UC campus (after attending a community college) is considered a "readmit" and **cannot** use IGETC. However students who initially enroll at a UC,

attend a community college and return to a **different** UC campus, may be able to use IGETC, but should check with a

Laney counselor or the campus they wish to attend. This restriction does not apply to students who have taken UC summer session or Extension classes only. Students initially enrolled at a CSU and then return to the same CSU campus (after attending a community college) should be directed to that campus for questions regarding the use of IGETC. (There is no CSU system-wide policy on this issue.)

IGETC Certification: Laney College, Peralta Community College District, can certify either full certification (completion

of all requirements in each subject-area) or partial certification: a maximum of two courses may be deferred and completed after transfer; Areas 1 and 2 must be completed prior to transfer. **IGETC**

for STEM Certification: However, if majoring in Chemistry and transferring to a UC, a maximum of three courses may be deferred and completed after transfer: one from Area 3; one from Area 4; and Area 6A. **Note:** UC Berkeley's College of Letters & Science requires full IGETC certification for all majors.

Official transcripts of any coursework completed outside Peralta District must be on file prior or accompany the certification request. Courses taken at other California Community Colleges will be placed in the IGETC area identified by the offering college the term the course was taken. Courses taken at other colleges/universities may be used if the course content meets the IGETC area standards.

Students should request certification when a final transcript is requested to be sent to their choice of UC or CSU (campus where admission has been accepted), the term prior to transfer. The "Request for Certification" form is available from a counselor or the Admissions & Records Office and can be filed in the Admissions and Records Office. Once certification is completed student records (transcript) will reflect the full or partial certification of IGETC Completion. Students are encouraged to see a counselor by appointment to discuss transfer and the IGETC option as part of an education plan. Counselors are available by appointment through the Counseling Office located on the 3rd Floor, Laney Tower or call (510) 464-3152 or 464-3153.



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