

REVISED COPY

2017-2019 CATALOG SUPPLEMENT

COLLEGE OF ALAMEDA

555 Ralph Appezato Memorial Parkway

Alameda, California 94501

The mission of College of Alameda is to serve the educational needs of its diverse community by providing comprehensive and flexible programs and resources that empower students to achieve their goals.

ACCREDITED BY:

The Accrediting Commission for Community and Junior Colleges of the Western Association

10 Commercial Boulevard, Suite 2014 Novato, California 94949

AAJC/WASC is an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education

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About This Supplement

College of Alameda Catalog Supplement 2017-19 is provided to notify you of additions, corrections, deactivations, and changes to courses and programs which have occurred since the College of Alameda General Catalog was published in August 2017. This includes all curriculum changes approved thru local processes and the State Chancellor's Office as of May 31, 2018 and effective beginning Summer 2018.

Accuracy Statement

College of Alameda endeavors to accurately and fairly present its programs, course descriptions, schedules and policies and to ensure that all information presented here is correct and current as of the date of its release. College of Alameda assumes no responsibility for administrative or publication errors. In addition, College of Alameda reserves the right to add, amend, modify or withdraw any of its policies, course descriptions, class schedules or other information reflected here from time to time. Please check our website at <http://alameda.peralta.edu/> for our catalog supplement and the most current, available information.

COURSE ADDITIONS

DEPT./COURSE NO.	COURSE TITLE/INFORMATION	EFFECTIVE TERM
ART 90	<p>Mixed Media 3 units, 2 hours lecture, 4 hours laboratory (GR or P/NP) Acceptable for Credit: CSU</p> <p>Introduction to mixed media expression: Emphasis on combined materials, interdisciplinary processes and emergent forms. (1002.00)</p>	FALL 2018
BIOL 003	<p>Microbiology 5 units, 4 hours lecture, 4 hours laboratory (GR) Prerequisites: CHEM 001A or CHEM 030A Recommended Preparation: BIOL 010 Acceptable for Credit: CSU</p> <p>Survey of the various microscopic agents of particular importance to humans: Emphasis on microbes involved in infectious diseases, host defenses against disease, elements of infectious chains and means utilized for breaking the chains. 0403.00</p>	SUMMER 2018
BIOL 24	<p>Basic Human Anatomy and Physiology 4 units, 3 hours lecture, 3 hours laboratory (GR) Acceptable for Credit: CSU</p> <p>Fundamentals of the structure and function of the human body from an organ system perspective: Key concepts and basic principles of the chemistry of life and organic compounds, cells and tissues, cell physiology, organ systems, selected human diseases. Laboratory work includes use of microscopes, figures/charts, three-dimensional models, dissection of mammalian organs and demonstration of human cadavers. 0410.00</p>	SUMMER 2018
BIOL 102	<p>Fundamentals of Oceanography 4 units, 3 hours lecture, 3 hours laboratory (GR) Acceptable for Credit: CSU</p>	SUMMER 2018

Introduction to geological, chemical, physical and biological aspects of oceans and interactions among them: History of oceanography; plate tectonics and marine geology; the marine-land interface; oceans' roles as a dominant influence on the earth, its climate, and the lives of its inhabitants; global and local ocean resource management, and preservation of marine environments; and the deep sea: properties, animals and adaptations; analysis of data collected on research trips to local bay environments.
1919.00

COMM 25

Communication Skills for Broadcast Media

SUMMER 2018

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

Fundamental voice skill and presentation training for broadcast media: Writing, delivering, and recording media programming and content. 0699.00

COMM 35A

Forensic Activity 1

SUMMER 2018

3 units, 2 hours lecture, 3 hours laboratory (GR or P/NP)
Recommended Preparation: Eligibility for ENGL 1A
Acceptable for Credit: CSU

Beginning principles of speech, debate, and forensics: Training and supervised preparation to compete in one collegiate speech tournament and/or community speech event. 0699.00

ENGL 510

English for Career and Technical Education (Non-Credit) FALL 2018

0 units, 0.57 hours lecture, 0.86 hours laboratory (SP)

English course contextualized for CTE programs: Industry-specific reading, writing and other literacy skills. 4930.12

ESOL 050A

Advanced Listening and Speaking

SUMMER 2018

(Formerly ESL 50A)

4 units, 4 hours lecture (GR or P/NP)
Prerequisites: ESOL 263B or ESL 233B or Placement through multiple measures assessment process
Acceptable for Credit: CSU

Advanced level listening and speaking in American English: Listening comprehension, public speaking strategies, grammar, vocabulary, idioms and pronunciation. Not open for credit to students who have completed ESL 50A. 4930.86

ESOL 050B

Oral Communication for Advanced ESOL Students

SUMMER 2018

(Formerly ESL 50B)

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

Prerequisites: ESL 050A or ESOL 050A

Acceptable for Credit: CSU

Continuation of ESOL 050A: Listening comprehension, public speaking strategies, grammar, vocabulary, idioms, and pronunciation. Not open for credit to students who have completed ESL 50B. 4930.86

ESOL 052A

Advanced Reading and Writing

SUMMER 2018

(Formerly ESL 52A)

6 units, 6 hours lecture (GR or P/NP)

Prerequisites: ESOL 253B or ESL 223B or Placement through multiple-measures assessment process.

Acceptable for Credit: CSU, UC

Advanced level of reading and writing: Critical thinking skills, critical and analytical reading of college level texts, and writing of research and other academic papers. Not open for credit to students who have completed ESL 52A. 4930.87

ESOL 052B

Advanced Reading and Writing

SUMMER 2018

(Formerly ESL 52B)

6 units, 6 hours lecture (GR or P/NP)

Prerequisites: ESOL 052A or ESL 052A

Acceptable for Credit: CSU, UC

Continuation of ESOL 052A: Critical thinking skills, critical and analytical reading of college level texts, and writing of research and other academic papers. Not open for credit to students who have completed ESL 52B. 4930.87

ESOL 251A

Reading and Writing 1

SUMMER 2018

(Formerly ESL 285A - High Beg. Reading/Writing A)

6 units, 6 hours lecture (GR or P/NP)

Prerequisites: Placement through multiple-measures assessment process.

High beginning level of reading and writing: Fiction and nonfiction readings adapted for ESL; writing short narratives and descriptive paragraphs. Not open for credit to students who have completed ESL 285A. 4930.87

ESOL 251B

Reading and Writing 1

(Formerly ESL 285B – High Beginning Reading/Writing B)

6 units, 6 hours lecture (GR or P/NP)

Prerequisites: ESOL 251A or ESL 285A

SUMMER 2018

Continuation of ESOL 251A: Fiction and non-fiction readings adapted for ESL; writing short narrative and descriptive paragraphs. Not open for credit to students who have completed or are currently enrolled in ESL 285B. 4930.87

ESOL 252A

Reading and Writing 2

(Formerly ESL 222A – Intermediate Reading/Writing A)

6 units, 6 hours lecture (GR or P/NP)

Prerequisites: ESOL 251B or ESL 285B or placement through multiple-measures assessment process.

SUMMER 2018

Intermediate level of reading and writing: Academic vocabulary and critical thinking skills using intermediate-level ESL reading materials; expanding paragraphs into simple narratives and essays. Not open for credit to students who have completed ESL 222A. 4930.87

ESOL 252B

Reading and Writing 2

(Formerly ESL 222B – Intermediate Reading/Writing B)

6 units, 6 hours lecture (GR or P/NP)

Prerequisites: ESOL 252A or ESL 222A

SUMMER 2018

Continuation of ESOL 252A: Academic vocabulary and critical thinking skills using intermediate-level ESL reading materials; expanding paragraphs into simple narratives and essays. Not open for credit to students who have completed or are currently enrolled in ESL 222B. 4930.87

ESOL 253A

Reading and Writing 3

(Formerly ESL 223A – High Intermediate Reading/Writing A)

6 units, 6 hours lecture (GR or P/NP)

SUMMER 2018

Prerequisites: ESL 222B or ESOL 252B or placement through multiple-measures assessment process.

High intermediate level of reading and writing: Critical readings of essays, short academic texts, short stories, and/or a novel; writing well-developed essays and compositions. Not open for credit to students who have completed ESL 223A. 4930.87

ESOL 253B

Reading and Writing 3

SUMMER 2018

(Formerly ESL 223B – High Intermediate Reading/Writing B)

6 units, 6 hours lecture (GR or P/NP)

Prerequisites: ESOL 253A or ESL 223A

Continuation of ESOL 253A : Critical readings of essays, short academic texts, short stories, and/or a novel; writing well-developed essays and compositions. Not open for credit to students who have completed or are currently enrolled in ESL 223B. 4930.87

ESOL 261A

Listening and Speaking 1

SUMMER 2018

(Formerly ESL 283A – High Beginning Listening/Speaking A)

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

Prerequisites: Placement through multiple measures Assessment process

High beginning level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciations and presentation skills. Not open for credit to students who have completed ESL 283A. 4930.86

ESOL 261B

Listening and Speaking 1

SUMMER 2018

(Formerly ESL 283B – High Beginning Listening/Speaking B)

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

Prerequisites: ESOL 261A or ESL 283A

Continuation of ESOL 261A: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciations and presentation skills. Not open for credit to students who have completed or are currently enrolled in ESL 283B. 4930.86

ESOL 262A	<p>Listening and Speaking 2 <i>(Formerly ESL 232A – Intermediate Listening/Speaking A)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 216B or ESL 283B or placement through multiple-measures assessment process</p> <p>Intermediate level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation and presentation skills. Not open for credit to students who have completed ESL 232A. 4930.86</p>	SUMMER 2018
ESOL 262B	<p>Listening and Speaking 2 <i>(Formerly ESL 232B – Intermediate Listening/Speaking B)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 262A or ESL 232A</p> <p>Continuation of ESOL 262A: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciations and presentation skills. Not open for credit to students who have completed or are currently enrolled in ESL 232B. 4930.86</p>	SUMMER 2018
ESOL 263A	<p>Listening and Speaking 3 <i>(Formerly ESL 233A – High Intermediate Listening/Speaking A)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 262B or ESL 232B or placement through multiple-measures assessment process.</p> <p>High intermediate level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills. Not open for credit to students who have completed ESL 233A. 4930.86</p>	SUMMER 2018
ESOL 263B	<p>Listening and Speaking 3 <i>(Formerly ESL 233B – High Intermediate Listening/Speaking B)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 263A or ESL 233A</p> <p>Continuation of ESOL 263A: improving fluency and accuracy in American English through listening</p>	SUMMER 2018

comprehension, grammar, vocabulary, idioms, pronunciation and presentation skills. Not open for credit to students who have completed or are currently enrolled in ESL 233B. 4930.86

ESOL 267

Pronunciation 3

SUMMER 2018

(Formerly ESL 257A – Pronunciation 2/3)

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

Prerequisites: ESOL 252A or ESOL262A or ESOL 272A

or ESL215A or ESL 222A or ESL 232A or placement through multiple-measures assessment process. 4930.86

Continuation of ESOL 266: Practice in pronunciation, intonation and fluency in English for effective academic and career communication. Not open for credit to students who have completed ESL 257A.

ESOL 268

Pronunciation 4

SUMMER 2018

(Formerly ESL 257B – Pronunciation 4)

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

Continuation of ESOL 267: Practice in pronunciation, intonation, and fluency for effective academic and career communication. Not open for credit to students who have completed ESL 257B. 4930.86

ESOL 271A

Grammar 1

SUMMER 2018

(Formerly ESL 284A – High Beginning Grammar A)

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

Prerequisites: Placement through multiple-measures Assessment process.

High beginning level of English grammar: Basic grammar structures, sentence patterns and parts of speech. Not open for credit to students who have completed ESL 284A. 4930.87

ESOL 271B

Grammar 1

SUMMER 2018

(Formerly ESL 284B – High Beginning Grammar B)

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

Prerequisites: ESOL 271A or ESL 284A

Continuation of ESOL 271A: Basic grammar structures, sentence patterns and parts of speech. Not open for credit to students who have completed or are currently enrolled in ESL 284B. 4930.87

ESOL 272A	<p>Grammar 2 <i>(Formerly ESL 215A – Intermediate Grammar A)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 271B or ESL 284B or placement through multiple-measures assessment test.</p> <p>Intermediate level of English grammar: Introduction to complex grammar structures and sentence patterns. Not open for credit to students who have completed ESL 215A. 4930.87</p>	SUMMER 2018
ESOL 272B	<p>Grammar 2 <i>(Formerly ESL 215B – Intermediate Grammar B)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 272A or ESL 215A</p> <p>Continuation of ESOL 272A: Introduction to complex grammar structures and sentence patterns. Not open for credit to students who have completed or are currently enrolled in ESL 215B. 4930.87</p>	SUMMER 2018
ESOL 273A	<p>Grammar 3 <i>(Formerly ESL 216A – High Intermediate Grammar A)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 272B or ESL 215B or placement through multiple-measures assessment process.</p> <p>High intermediate level of English grammar: Further study of complex grammar structures and sentence patterns. Not open for credit to students who have completed ESL 216A. 4930.87</p>	SUMMER 2018
ESOL 273B	<p>Grammar 3 <i>(Formerly ESL 216B – High Intermediate Grammar B)</i> 4 units, 4 hours lecture (GR or P/NP) Prerequisites: ESOL 273A or ESL 216A</p> <p>Continuation of ESOL 273A: Further study of complex grammar structures and sentence patterns. Not open for credit to students who have completed or are currently enrolled in ESL 216B. 4930.87</p>	SUMMER 2018
ESOL 274A	<p>Grammar 4 <i>(Formerly ESL 217A – Advanced Grammar A)</i></p>	SUMMER 2018

4 units, 4 hours lecture (GR or P/NP)
Prerequisites: ESOL 273B or ESL 216B or placement through multiple-measures assessment process

Advanced level of English grammar: Expanding, refining, and applying the complex grammar skills used in academic writing, reading, listening, and speaking. Not open for credit to students who have completed ESL 217A. 4930.87

ESOL 274B

Grammar 4

(Formerly ESL 217B – Advanced Grammar B)

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

Prerequisites: ESOL 274A or ESL 217A

SUMMER 2018

Continuation of ESOL 274A: Expanding, refining and applying the complex grammar skills used in academic writing, reading, listening and speaking. Not open for credit to students who have completed or are currently enrolled in ESL 217B. 4930.87

ESOL 288

Conversation 1

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

FALL 2018

Beginning level of spoken American English: Emphasis on self-expression; vocabulary conducive to carrying on critical daily activities in American society. 4930.87

ESOL 289

Conversation 2

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

FALL 2018

Intermediate level of spoken American English: Emphasis on self-expression; vocabulary conducive to carrying on critical daily activities in American society. Not open for students who have completed or are currently enrolled in ESL 258. 4930.87

ESOL 292

Vocabulary 2

(Formerly ESL 205A – Vocabulary and Idioms in Context 3)

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

Prerequisites: Placement through multiple-measures assessment process.

SUMMER 2018

Continuation of ESOL 291: Study of words and idioms as used in context. Not open for students who have completed or are currently enrolled in ESL 205A

ESOL 293

Vocabulary 3

SUMMER 2018

(Formerly ESL 205B – Vocabulary and Word Analysis in Context 4)

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

Prerequisites: Placement through multiple-measures assessment process.

Continuation of ESOL 292: Focus on vocabulary useful in academic courses; analysis of word derivations. Not open for credit to students who have completed or are currently enrolled in ESL 205B. 4930.87

ESOL 541A

Bridge to Credit ESOL – Level 1

SUMMER 2018

0 Units, 5.50 hours lecture (P/NP)

Introduction to Basic English through the context of daily life activities: Listening, speaking, reading, and writing; basics of language structures, form, computer literacy, classroom culture and study skills within the context of personal information and circumstances. 4930.80

ESOL 541B

Bridge to Credit ESOL – Level 2

SUMMER 2018

0 Units, 5.50 hours lecture (P/NP)

Prerequisites: ESOL 541A

Continuation of ESOL 541A: Listening, speaking, reading, and writing; basics of language structures and form, computer literacy, classroom culture and study skills within the context of jobs. 4930.80

ESOL 541C

Bridge to Credit ESOL – Level 3

SUMMER 2018

0 Units, 5.50 hours lecture (P/NP)

Prerequisites: ESOL 541B

Continuation of ESOL 541B: Listening, speaking, reading, and writing; basics of language structures, form, computer literacy, classroom culture and study skills within the context of academic life. 4930.80

ESOL 541D

Bridge to Credit ESOL – Level 4

SUMMER 2018

0 Units, 5.50 hours lecture (P/NP)

Prerequisites: ESOL 541C

assessment process, and CIS 001 or 200 or 205 or BUS 219.

Acceptable for Credit: CSU

Introduction to Information-seeking theories, methods and user behaviors: Psychological, emotional, and physiological aspects of information seeking; Social issues such as information overload, information access, censorship, intellectual property, privacy, and social networks. 1699.00

MATH 215

Support for Pre-Calculus

SUMMER 2018

2 Units, 2 hours lecture (P/NP)

Corequisites: Math 001

Recommended Preparation: This course is appropriate for students who are confident in their graphing and beginning algebra skills.

Review of the core prerequisite skills, competencies, and concepts needed in pre-calculus: Factoring, operations on rational and radical expressions, absolute value equations and inequalities, exponential and logarithmic expressions and equations, conic sections, functions including composition and inverses, an in-depth focus on quadratic functions, and a review of topics from geometry. Intended for students majoring in business, science, technology, engineering, and mathematics and concurrently enrolled in MATH 1. 1701.00

MATH 216

Support for Trigonometry

SUMMER 2018

1 Unit, 1 hour lecture (P/NP)

Prerequisite: Math 050

Recommended Preparation: This course is appropriate for students who are confident in their graphing and beginning algebra skills.

Review of the core prerequisite skills, competencies, and concepts needed in trigonometry: Geometry, transformations of graphs, trigonometric functions and applications, conic sections, polar coordinates including the complex plane and analytic geometry. Intended for students majoring in science, technology, engineering, and mathematics and who are concurrently enrolled in MATH 50, Trigonometry. 1702.00

PHYS 10L

Introduction to Physics Laboratory

FALL 2018

1 unit, 3 hour laboratory (GR or P/NP)

Prerequisites: MATH 201 or 202 or 210D

Acceptable for Credit: CSU, UC

Practical application of basic concepts and principles of physics: Motion, forces, gravity, matter, energy, momentum, rotation, oscillation, sound, heat, thermodynamics, electromagnetism, light, quantum physics, atoms, nuclei, and relativity. Not open for credit to students who have completed or are currently enrolled in PHYS 2A-2B, 3A-3B, or 4A-4B-4C. 1902.00

SOCSC 010

Introduction to Social Justice Studies

FALL 2018

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

Acceptable for Credit: CSU

Inter-disciplinary study of race and ethnicity in the United States: Examines social justice movements in relation to ethnic and racial groups in the United States to provide a basis for a better understanding of the socio-economic, cultural and political conditions among key social groups. (2201.00)

COURSE DEACTIVATIONS

The following courses were **deactivated** in the 2017-2018 academic year after the catalog was published.

Notice: This addendum to the 2017-2019 College Catalog is provided to notify you of corrections to content and change to courses which have occurred since the catalog was published in August 2017.

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Dept./Course Number	Course Title	Effective Term	Units
DENTL 252	Overview of the Dental Assisting Profession	Fall 2018	1
ESL 050A	Advanced Listening and Speaking	Fall 2018	4
ESL 050B	Oral Communication for Advanced ESL students	Fall 2018	4
ESL 206	Spelling 3: Spelling and the Dictionary	Fall 2018	4
ESL 215A	Intermediate Grammar	Fall 2018	4
ESL 215B	Intermediate Grammar	Fall 2018	4
ESL 216A	High Intermediate Grammar	Fall 2018	4
ESL 216B	High Intermediate Grammar	Fall 2018	4
ESL 217A	Advanced Grammar	Fall 2018	4
ESL 217B	Advanced Grammar	Fall 2018	4
ESL 222A	Intermediate Reading and Writing	Fall 2018	6
ESL 222B	Intermediate Reading and Writing	Fall 2018	6
ESL 223A	High Intermediate Reading and Writing	Fall 2018	6
ESL 223B	High Intermediate Reading and Writing	Fall 2018	6
ESL 232A	Intermediate Listening and Speaking	Fall 2018	4
ESL 232B	Intermediate Listening and Speaking	Fall 2018	4
ESL 233A	High Intermediate Listening and Speaking	Fall 2018	4
ESL 233B	High Intermediate Listening and Speaking	Fall 2018	4
ESL 248AM	High Intermediate Listening and Speaking	Fall 2018	3
ESL 283A	High Beginning Listening and speaking	Fall 2018	4
ESL 283B	High Beginning Listening and speaking	Fall 2018	4
ESL 284A	High Beginning Grammar	Fall 2018	4
ESL 284B	High Beginning Grammar	Fall 2018	4
ESL 285A	High Beginning Reading and writing	Fall 2018	6
HUMAN 51A	Latin-American Folklore	Spring 2019	3
HUMAN 51B	Latin-American Folklore	Spring 2019	3
HUMAN 51C	Latin-American Folklore	Spring 2019	3
POSCI 16	State and Local Government	Fall 2018	3

COURSE CHANGES

DEPT/COURSE NO.	CHANGE FROM:	CHANGE TO:	EFFECTIVE TERM
ATHL 2	Unit Values 2 units	Unit Values 3 units	Summer 2018
CHEM 1A	Prerequisites Satisfactory score on the math assessment or Math 203 or Math 211A-D and Chem 30A or Chem 50 or satisfactory score on the chemistry assessment. Recommended Preparation: Chem 30A or 50	Prerequisites Satisfactory score on the math assessment or Math 203 or 211A-D and Chem 30A or 50 or satisfactory score on the chemistry assessment.	Summer 2018
COPED 450	Hours to be arranged	Lab hours: 3.43 - 12.86	Summer 2018
COPED 451	Hours to be arranged	Lab hours: 3.43 - 17.15	Summer 2018
COUN 207C	Course Description Job search skills: Resumes, cover letters, telephone skills, and interviewing techniques.	Course Description Job search skills: Resumes, cover letters, telephone skills, <i>networking</i> , and interviewing techniques.	Fall 2018
DENTL 228B	Unit values/Lab hours 5 units, 16 hours laboratory	Unit values/Lab hours 6 units, 18 hours laboratory	Summer 2018
ECON 1	Prerequisites MATH 203 or 211D or 205B	Prerequisites MATH 203 or 211D or 230	Summer 2018
ECON 2	Prerequisites MATH 203 or 211D or 205B	Prerequisites MATH 203 or 211D or 230	Summer 2018
KIN 74A	Unit values .5-1 units	Unit values .5 units	Summer 2018
LRNRE 502	Course title Tutor Training	Course title Tutor Training I	Summer 2018
PHYS 004A	Prerequisite: MATH 3A Recommended Preparation: PHYS 10	Prerequisite: MATH 3A Co-requisite: MATH 3B Recommended Preparation: PHYS 10	Spring 2019
PHYS 004B	Prerequisites: PHYS 004A and MATH 3B	Prerequisites: PHYS 004A and MATH 3B Co-requisite: MATH 3C	Spring 2019
PHYS 004C	Prerequisites: PHYS 004B and MATH 3C	Prerequisites: PHYS 004B and MATH 3C Co-requisites: MATH 3E and MATH 3F	Spring 2019
PHYS 10	Course Description: Elementary study of major topics of physics: motion, forces, energy, momentum, rotation, oscillation, sound, electromagnetics, light	Course description: Elementary study of major topics of physics: Motion, forces, gravity, matter, energy, momentum, rotation, oscillation, sound, heat,	Fall 2018

	quantum physics, atoms, nuclei and relativity	thermodynamics, electromagnetism, light, quantum physics, atoms, nuclei, and relativity. Not open for credit to students who have completed or are currently enrolled in PHYS 2A-2B, 3A-3B, or 4A-4B-4C	
POSCI 35	Top Code: 2207.00	Top Code: 2102.00	Fall 2018
POSCI 36	Top Code: 2207.00	Top Code: 2102.00	Fall 2018
POSCI 41	Top Code: 2207.00	Top Code: 2102.00	Fall 2018
PSYCH 18	Title Change: Psychology of Minority Groups	New title: Psychology of Race and Ethnicity in the U.S.	Fall 2018
PSYCH 34	Title Change: Psychology of Resiliency, Stress Management and Personal Growth	New title: Stress Management and Well-Being	Fall 2018
SPAN 002A	Course title Intermediate Spanish	Course title Intermediate Spanish I	Summer 2018
SPAN 002B	Course title Intermediate Spanish	Course title Intermediate Spanish II	Summer 2018

PROGRAM ADDITIONS

CERTIFICATE OF COMPETENCY (CC)

Students satisfactorily completing the required courses in the following certificate options will be eligible for the **Certificate of Competency**

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

Bridge to Credit ESOL Certificate

Certificate of Competency Requirements:

Dept./No.	Title	Units
ESOL 541A	Bridge to Credit ESOL - Level 1	0
ESOL 541B	Bridge to Credit ESOL - Level 2	0
ESOL 541C	Bridge to Credit ESOL - Level 3	0
ESOL 541D	Bridge to Credit ESOL - Level 4	0
LRNRE 505	Transition into Community College	0

CERTIFICATE OF PROFICIENCY (CP)

Students satisfactorily completing the required courses in the following certificate options will be eligible for the **Certificate of Proficiency**

English for Speakers of Other Languages: Intermediate Certificate

Certificate of Proficiency Requirements:

Dept./No.	Title	Units
ESOL 252A	Reading and Writing 2	6
ESOL 272A	Grammar 2	4
ESOL 262A	Listening and Speaking 2	<u>4</u>
	Total Required Units:	14

English for Speakers of Other Languages: High Intermediate Certificate

Certificate of Proficiency Requirements:

Dept./No.	Title	Units
ESOL 253A	Reading and Writing 3	6
ESOL 273A	Grammar 3	4
ESOL 263A	Listening and Speaking 3	<u>4</u>
	Total Required Units:	14

English for Speakers of Other Languages: High Beginning Certificate

Certificate of Proficiency Requirements:

Dept./No.	Title	Units
ESOL 251A	Reading and Writing 1	6
ESOL 271A	Grammar 1	4
ESOL 261A	Listening and Speaking 1	<u>4</u>
	Total Required Units:	14

English for Speakers of Other Languages: Advanced Certificate

Certificate of Proficiency Requirements:

Dept./No.	Title	Units
ESOL 052A	Advanced Reading and Writing	6
ESOL 274A	Grammar 4	4
ESOL 050A	Advanced Listening and Speaking	<u>4</u>
	Total Required Units:	14

CERTIFICATE OF ACHIEVEMENT (CA)

Students satisfactorily completing the required courses in the following certificate options will be eligible for the Certificate of Achievement.

KINESIOLOGY (Athletic Trainer Aide)

Certificate of Achievement Requirements:

Dept./No.	Title	Units
KIN 150	Introduction to Kinesiology	3
KIN 134	Care and Prevention of Athletic Injuries	3
BIOL 002	Human Anatomy	5
BIOL 004	Human Physiology	5
HLTED 009	First Aid and Safety	2

Choose for the KIN activity courses listed for a total of 3 units

KIN 054A	Cross Fitness I - Fundamentals	1
or		
KIN 054B	Cross Fitness II - Beginning	1
or		
KIN 054C	Cross Fitness III - Intermediate	1
or		
KIN 054D	Cross Fitness IV - Experienced	1
or		
KIN 058A	Fitness Center Strength Training I - Fundamentals	0.5
or		
KIN 058B	Fitness Center Strength Training II - Beginning	0.5
or		
KIN 058C	Fitness Center Strength Training III - Intermediate	0.5
or		
KIN 058D	Fitness Center Strength Training IV - Experienced	0.5
or		
KIN 036	Aerobic Circuits	0.5
or		
KIN 067A	Sports Training I - Fundamentals	0.5
or		
COPEd 451	Occupational Work Experience	<u>1-2</u>
	Total Required Units:	21