LAS POSITAS COLLEGE CATALOG ADDENDUM FALL 2022

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NEW CREDIT PROGRAMS

Certificate of Achievement – 21st Century Policing

About the Degree

The Certificate of Achievement in 21st Century Policing is awarded to students who complete a course of study that emphasizes transformational leadership, ethical behavior, and principled policing. Students will develop specialized knowledge and understanding that will enable them to practice fair and procedurally just policing and allow them to meet a wide variety of challenges and expectations placed on modern police officers.

Completion Requirements:

Completion of the required courses for the certificate with a grade point average of 2.0 or higher and complete at least (50%) of the required program at Las Positas College (or Chabot College).

Required Core: (16 Units)

AJ 45 Policing America	2
AJ 48 Police Supervisory Leadership	
AJ 68 Police Ethics and Leadership	
AJ 70 Community Relations	3
SOC 3 Introduction to Race and Ethnicity	
or	
ETHS 6 Introduction to Race and Ethnicity	3
SOC 6 Social Problems	3
Total Units	5

Certificate of Achievement – Accounting Technician

About the Degree

The Accounting Technician Certificate of Achievement prepares apprentices for entry-level career with advanced opportunities in the Accounting field. This program prepares the apprentices for performing various functions in an accounting department or accounting firm including, but not limited to, processing transactions, recording and analyzing Accounts receivable and Accounts payable, using Quick Books to create and analyze accounting records, process payroll, preparing financial statements, prepare documents for internal and financial audit, and assist in income tax return preparation.

Completion Requirements:

Completion of the required courses for the certificate with a grade point average of 2.0 or higher and complete at least (50%) of the

required program at Las Positas College (or Chabot College).

Required Core: (20 Units)

APAT 51 Financial Accounting	4
APAT 52 Managerial Accounting	
APAT 53 Excel: Introduction to Spreadsheets	
APAT 54 Business Mathematics	3
APAT 55 Quickbooks Accounting	2
APAT 56 Federal Income Tax Accounting	3
Total Units	<u>20</u>

AS-T – Business Administration 2.0

About the Degree

The Associates in Science in Business Administration 2.0 for Transfer is based on the state-wide Transfer Model Curriculum for Business and prepares students for seamless transfer into the CSU system to complete a baccalaureate degree in Business Administration or similar major. After completing the required courses in this program students will graduate with a broad-based understanding of the field of business, its demands, required skill-sets, needed abilities, and career opportunities.

Completion Requirements:

- 1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Required Core: (29-30 Units)

Additional General Education and Elective U Total Units	
Total Units for the Major	
MATH 1 Calculus I	
or	
or MATH 33 Finite Mathematics	4
MATH 34 Business Calculus	4
MATH 40 Statistics and Probability	
ECON 2 Principles of Macroeconomics	
ECON 1 Principles of Microeconomics	
BUSN 40 Introduction to Business	
BUSN 18 Business Law	4
BUSN 1B Managerial Accounting	
BUSN 1A Financial Accounting	4

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AS – Information Security Analyst

About the Degree

The Information Security Analyst Associate of Science degree prepares apprentices for an entry-level career in Cybersecurity covering a wide array of professions such as Cybersecurity Engineer, Security Administrator as well as Security Architect. This program also prepares the apprentices for the fast paced changes in cybersecurity technologies as they emerge in the industry to assure a well prepared graduate for the market place.

Completion Requirements:

The Associate Degree is conferred upon those students who complete the required 60 or more semester units of the degree pattern with a grade-point average of 2.0 or better, of which 12 units must be earned at Las Positas College. In addition, students must complete a General Education pattern in order to earn a degree: see the Las Positas College General Education Pattern for Associate of Science (AS) Degree, California State University General Education-Breadth, or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted depend on the entry point to the degree program, optional course(s) taken, and GE pattern selected. Elective units are degree applicable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

Required Core: (35 Units)

APIS 51 CompTIA's A+ Certification Computer Technician4
APIS 52 Networking Fundamentals
APIS 53 Network Security; CompTIA Security + Certification3
APIS 54 Red Hat Linux Administration I
APIS 55 Digital Forensics Fundamentals
APIS 56 Cisco CCNA2/3 Switching, Routing, and Wireless
Essentials (SRWE)
APIS 94 Occupational Work Experience - Information Security
Analyst Apprenticeship16
Total Units for the Major
Program-Based General Education: (3 Units)
CIS 50 Introduction to Computing Information Technology
Additional General Education and Elective Units

Total Units60

Certificate of Achievement – Information Security Analyst

About the Degree

The Information Security Analyst Certificate of Achievement in Information prepares apprentices for an entry-level career in Cybersecurity covering a wide array of professions such as Cybersecurity Engineer, Security Administrator as well as Security Architect. This program also prepares the apprentices for the fast paced changes in cybersecurity technologies as they emerge in the industry to assure a well prepared graduate for the market place.

Completion Requirements:

Completion of the required courses for the certificate with a grade point average of 2.0 or higher and complete at least (50%) of the required program at Las Positas College (or Chabot College).

Required Core: (19 Units)

Total Units	19
(SRWE)	3
Cisco CCNA2/3 Switching, Routing, and Wireless Essentials	
APIS 55 Digital Forensics Fundamentals	3
APIS 54 Red Hat Linux Administration I	3
APIS 53 Network Security; CompTIA Security + Certification	3
APIS 52 Networking Fundamentals	3
APIS 51 CompTIA's A+ Certification Computer Technician	4

Certificate of Achievement – Marine Technology Boating 101

About the Degree

The Marine Technology Boating 101 Certificate of Achievement can provide the skills necessary for an apprentice to qualify as trained entry-level marine technicians, as well as for career advancement. This apprenticeship program focuses on the mechanical and electrical side of marine equipment. Students who would like to gain employment at aftermarket shops could take this program and excel in a shop that services many types of marine equipment from multiple manufacturers. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

Completion Requirements:

Completion of the required courses for the certificate with a grade point average of 2.0 or higher and complete at least (50%) of the required program at Las Positas College (or Chabot College).

Required Core: (8 Units)

APMT	51	Boatworks	101	Yacht	Electrical Systems	4
APMT	52	Boatworks	101	Yacht	Propulsion Systems	4

Certificate of Achievement – Marine Technology Yachting 101

About the Degree

The Marine Technology Yachting 101 Certificate of Achievement can

provide the skills necessary for an apprentice to qualify as trained entry-level marine technicians, as well as for career advancement. This apprenticeship program focuses on the mechanical and electrical side of marine equipment. Students who would like to gain employment at aftermarket shops could take this program and excel in a shop that services many types of marine equipment from multiple manufacturers. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility. This program include a work experience component.

Completion Requirements:

Completion of the required courses for the certificate with a grade point average of 2.0 or higher and complete at least (50%) of the required program at Las Positas College (or Chabot College).

Required Core: (16.5 Units)

APMT 51 Boatworks 101 Yacht Electrical Systems
APMT 52 Boatworks 101 Yacht Propulsion Systems
APMT 53 Boatworks 101 Yacht Craftsmanship Lab
APMT 94 Occupational Work Experience - Marine Technology
Apprenticeship
Total Units

Certificate of Achievement – Marketing

About the Degree

The Certificate in Marketing is designed for an entry-level understanding of marketing and business management. Students will complete course work that emphasizes customer segmentation, marketing plans, management marketing research, consumer behavior, customer service, sales, social media marketing, and marketing communication.

Completion Requirements:

Completion of the required courses for the certificate with a grade point average of 2.0 or higher and complete at least (50%) of the required program at Las Positas College (or Chabot College).

Required Core: (12 Units)

BUSN 40 Introduction to Business
MKTG 50 Introduction to Marketing
MKTG 56 Marketing Strategies
MKTG 61 Professional Selling

List A: Select One (3 Units)

BUSN 45 Entrepreneurship	,
BUSN 56 Introduction to Management	
BUSN 58 Small Business Management	
BUSN 86 Management Strategies & Dilemmas	
BUSN 87 Organizational Management and Leadership	

List B: Select from Below (3 Units)

WRKX 94 Occupational Work Experience/Internship1-3
WRKX 95 General Work Experience1-3
BUSN 52 Business Communications

CMST 1	Fundamentals of Public Speaking	3

Total Units 18

Certificate of Achievement – Reddaway Heavy Truck Driving Academy

About the Degree

The Reddaway Heavy Truck Driving Academy Certificate of Achievement can provide the skills necessary for an apprentice to qualify as trained entry-level truck drivers, as well as for career advancement. The Reddaway Truck Driving Academy is a 7-week apprenticeship program that trains employees using classroom instruction, range and road driving, and practical application of skills used in the operation of a tractor/trailer. Students completing the program will have a hazmat endorsement and be eligible to sit for the Class A Commercial Driver's License. Students will also receive training in the Smith Safety System by certified instructors and forklift operation. This program includes a work experience component.

Completion Requirements:

Completion of the required courses for the certificate with a grade point average of 2.0 or higher and complete at least (50%) of the required program at Las Positas College (or Chabot College).

Required Core: (17.5 Units)

APRT 51 Reddaway Heavy Truck Driving Academy9
APRT 52 Reddaway Heavy Truck Driving Test Preparation0.5
APRT 94 Occupational Work Experience - Reddaway Heavy Truck
Driving Apprenticeship

Total Units17.5

AA-T – Social Justice Studies: Women and Gender Studies

About the Degree

The AA-T in Social Justice Studies: Gender Studies is designed for prospective California State University (CSU) transfer students who are preparing for careers in Women and Gender Studies and related fields. Completion of the Social Justice Studies: Gender Studies Transfer degree will provide a streamlined pathway for transfer to a CSU campus with a Women and Gender Studies or similar major. Examples of CSU majors include American Studies, Gender Studies, Liberal Studies w/ Option in Interdisciplinary Studies in Culture & Society, Sociology - Concentration in Race, Class, and Gender, Sociology with Inequalities and Diversity Option, Women, Gender, and Sexuality Studies, and Women's Studies. Students should consult with a counselor to determine whether or not this degree is the best option for their transfer goals. GE requirements should be selected carefully based on the intended transfer institution; please see a counselor for details if you are pursuing transfer to the UC system.

Completion Requirements:

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- 1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Required Core: (9 Units)

SOC 3 Introduction to Race and Ethnicity	
WMST 1 Introduction to Women's Studies	
WMST 2 Global Perspective of Women	

List A: Select Three (9-10 Units)

Select Three Courses from at least Two of the Following Areas

Area 1: History or Government

HIST 32 U.S. Women's History	.3
POLI 26 Introduction to Gender, Sexuality, and Politics	

Area 2: Arts and Humanities

ENG 32 U.S. Women's Literature
PHIL 5 Feminist Philosophy
RELS 3 Introduction to Women's Spirituality

Area 3: Social Science

HEA 3 Women's Health	,
LGBT 1 Introduction to LGBTQ Studies	
PSYC 13 Psychology of Women	
SOC 11 Sociology of Gender	

Area 4: Quantitative Reasoning

MATH 40 Statistics and Probability

Total Units for the Major 18-1	9
Additional General Education and Elective Units 41-4	
Total Units6	0

NEW NONCREDIT PROGRAMS

Certificate of Completion - Drone Photography, Mapping, and Piloting

About the Degree

Las Positas College offers short-term, tuition free, and noncredit courses in the safe operation of drones and Unoccupied Aerial Systems (UAVs). A certificate focuses on mission planning, basic flight operations, and the legal framework (local, state, and federal). These courses are open to all with no prerequisite experience or equipment and are geared more toward gaining direct user experience. This is a creative starting point to using drones in multiple disciplines and careers.

Completion Requirements:

A Certificate of Completion is a noncredit certificate intended for students who do not need credit for transfer but who wish to obtain the knowledge and preparation of skills needed for entry level positions in the workforce or obtain short-term vocational skills needed for immediate employment. The Certificate of Completion is awarded those students who successfully complete the required courses for the certificate.

Required Core: (81 Hours)

NAVI 201 Orientation to Drones and Unoccupied Aerial Systems..27 NAVI 202 Drone Aerial Survey, Photography and Videography.....27 NAVI 203 FAA Remote Pilot Certificate Exam Preparation........27

Total Hours 81

Certificate of Completion – Vocational ESL: Retail

About The Degree

Vocational ESL: Retail is a noncredit, short-term certificate of completion designed for high-beginning and intermediate ESL students seeking immediate employment. Students gain knowledge in occupation-specific application and intake processes, terminology and communication skills, as well as an understanding of company culture, such as benefits and promotion opportunities. Upon completion of the Vocational ESL: Retail program, students will be prepared for workforce entry and provided the opportunity to interview with LPC retail partners.

Completion Requirements:

A Certificate of Completion is a noncredit certificate intended for students who do not need credit for transfer but who wish to obtain the knowledge and preparation of skills needed for entry level positions in the workforce or obtain short-term vocational skills needed for immediate employment. It is awarded those students who successfully complete the required courses for the certificate.

Required Core: (20 Hours)

NESL 201 Vocational ESL for Retail 1 10
NESL 202 Vocational ESL for Retail 210
Total Hours

CREDIT PROGRAM CORRECTIONS

For the Fire Academy - Fire Suppression Certificate of Achivement: Required Core: FST 12A should just be FST 12.

For the Film Studies AA: Some information was left off. Additional General Education and Elective Units 41 - 42. Total Units: 60.

PROGRAM DEACTIVATIONS

Business - Associate of Science Degree

COURSE DEACTIVATIONS

ENG 104 Integrated Reading and Writing II (4 Units) MATH 156 Geometry (3.5 Units) MATH 50 Intermediate Algebra for SLAM (4 Units) MATH 53A Technical Intermediate Algebra for Welding A (2 Units) MATH 53B Technical Intermediate Algebra for Welding B (1 Unit) MATH 72A Technical Elementary Algebra A (1 Unit) MATH 72B Technical Elementary Algebra B (1 Unit) MATH 72C Technical Elementary Algebra C (1 Unit) MATH 72D Technical Elementary Algebra D (1 Unit) MATH 72D Technical Elementary Algebra D (1 Unit) MATH 107 Pre-Algebra (4 Units) MATH 110 Elementary Algebra (4 Units) NMAT 250 Intermediate Algebra for SLAM (0 Units)

CREDIT COURSE CORRECTIONS

Units & Course Numbers

AUTO LABB Automotive Lab Advanced - Under "Automotive Technology Courses" (p. 96), the second listing of AUTO LABA should actually be LABB (Automotive Lab Advanced).

HORT 71 Fundamentals of Hydroponics and Aquaponics -Unit correction (should be a 2-unit course)

Prereqs / Strongly Recommended

FST 20 CO 2A Human Resource Management for Company Officers: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 21 CO 2B General Administrative Functions for Company Officers: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 22 CO 2C Fire Inspections and Investigation for Company Officers: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 23 CO 2D All - Risk Command Operations for Company Officers: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 24 CO 2E Wildland Incident Operations for Company Officers: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 25 Instructor 1: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 26 Ethical Leadership for Fire and Emergency Services Instructors: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 30 Basic Firefighter Skills and Update: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 31 Intermediate Firefighter Skills and Update: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

FST 32 Advanced Hazmat and Wildland Training for Firefighters: Enrollment Limitation: "Must be graduated from an ARTP fire fighter academy, or ALA fire fighter academy, or equivalent."

GDDM 70 (Photoshop and Lightroom for Photographers): Strongly Recommended: PHTO 56 - Introduction to Digital Photography with a minimum grade of C.

PHTO 70 (Photoshop and Lightroom for Photographers): Strongly Recommended: PHTO 56 - Introduction to Digital Photography with a minimum grade of C.

OTHER CORRECTIONS

Nonresident Tuition - This has decreased to \$292 per unit.

For the NLIB Certificate of Completion -Basic Research Skills:

Some information was listed incorrectly -- specifically, the "Required Core: Select One or Two (72-180 Hours)." Correction: All Four of the NLIB courses are required to receive the certificate (12 hours total).



2022-2023 California State University General Education-Breadth (CSUGE-B)

• Courses may be listed in more than one area but will NOT be certified more than once, unless stated otherwise.

 For a course to meet a CSUGE-B requirement, 	the course must be on the CSUGE-B pattern during	the academic year it is taken.
Area A. English Language Communication and Critical Thinking (at least 9 units required with at least 1 course each from Oral Communication, Written Communication, and Critical Thinking) All courses must be completed with a grade of 'C' or better		
A1 - Oral Communication (at least 3 units required)		
CMST 1 Fundamentals of Public Speaking	CMST 10 Interpersonal Communication	CMST 46 Argumentation and Debate
A2 - Written Communication (at least 3 units requir	red)	
ENG 1A Critical Reading and Composition	ENG 1AEX Critical Reading and Composition Expanded	ESL 1A Critical Reading and Composition for ESL
A3 - Critical Thinking (at least 3 units required)		
CMST 46 Argumentation and Debate ENG 4 Critical Thinking and Writing About Literature	ENG 7 Critical Thinking and Writing Across Disciplines PHIL 6 Introduction to Logic	PHIL 8 Logic and Argumentation THEA 53 Script Analysis (F20)
Area B. Scientific Inquiry and Quantitative I to contain a laboratory component), and Mathematics	Reasoning (at least 9 units required with at least 1 cour s/Quantitative Reasoning)	rse each from Physical Science , Life Science (at least 1
31 - Physical Science (at least 3 units required)		
ASTR 31 Introduction to Astronomy: The Solar System ASTR 32 Introduction to Astronomy: Stars and the Universe CHEM 1A General College Chemistry I ¹ CHEM 1B General College Chemistry II ¹ CHEM 12A Organic Chemistry II ¹ CHEM 12B Organic Chemistry II ¹ CHEM 30A Introductory and Applied Chemistry I ¹ CHEM 30 Introductory and Applied Chemistry II ¹ CHEM 31 Introductor to College Chemistry ¹	EVST 5 Energy and Sustainability GEOG 1 Introduction to Physical Geography GEOG 8 Introduction to Atmospheric Science GEOG 12 Geography of California GEOL 1 Physical Geology GEOL 2 Historical Geology ^L GEOL 5 Environmental Geology: Hazards & Disasters GEOL 7 Environmental Geology: Resources, Use Impact & Pollution GEOL 12 Introduction to Oceanography	GEOL 20 Earth Science for Educators ^L PHYS 1A General Physics I ^L PHYS 1B General Physics II ^L PHYS 1C General Physics III ^L PHYS 1D General Physics IV ^L PHYS 2A Introduction to Physics I ^L PHYS 2B Introduction to Physics I ^L PHYS 10 Descriptive Physics
B2 - Life Science (at least 3 units required)		
ANTR 1 Biological Anthropology ANTR 13 Introduction to Forensic Anthropology BIO 1A General Botany ^L BIO 1B General Zoology ^L BIO 1C Cell and Molecular Biology ^L BIO 7A Human Anatomy ^L	BIO 7B Human Physiology ^L BIO 7C Microbiology BIO 10 Introduction to the Science of Biology ^L BIO 20 Contemporary Human Biology BIO 30 Introduction to College Biology ^L BIO 40 Humans and the Environment	BIO 50 Anatomy and Physiology ^L BIO 60 Marine Biology ^L BIO 70 Field Biology ^L PSYC 4 Brain, Mind and Behavior
B3 - Laboratory Activity (at least 1 course from belo	w or from Physical Science or Life Science marked with a	n ^L)
ANTR 1L Biological Anthropology Lab ANTR 2L Archaeology Field Lab ASTR 30L Introduction to Astronomy Lab	GEOG 1L Introduction to Physical Geography Laboratory GEOL 1L Physical Geology Laboratory GEOL 12L Introduction to Oceanography Laboratory	PHYS 10L Descriptive Physics Lab
B4 - Mathematics/Quantitative Reasoning (at lea	st 3 units required) Must be completed with a grade of 'C' or	better
BUSN 33 Personal Financial Management & Planning CS 17 Discrete Mathematical Structures MATH 1 Calculus I MATH 2 Calculus II MATH 3 Multivariable Calculus	MATH 5 Ordinary Differential Equations MATH 7 Elementary Linear Algebra MATH 10 Discrete Mathematical Structures MATH 27 Number Systems for Educators MATH 30 College Algebra for STEM	MATH 33 Finite Mathematics MATH 34 Business Calculus MATH 39 Trigonometry MATH 40 Statistics and Probability MATH 47 Mathematics for Liberal Arts
Area C. Arts and Humanities (at least 9 units rea	quired (3 courses) with at least 1 course each from Arts a	nd Humanities)
C1 - Arts (at least 3 units required)		
ARHS 1 Introduction to Art History ARHS 2 Art of the Ancient Americas ARHS 3 Arts of Africa, Oceana, and Indigenous North America ARHS 4 Western Art History - Ancient to Medieval ARHS 5 Western Art History - Renaissance to Contemporary ARHS 7 Modern Art History ARHS 2 A Introduction to Drawing ARTS 3A Figure and Composition I ARTS 4A Introduction to Ceramics ARTS 7A Introduction to Watercolor Painting ARTS 12A Oil/Acrylic Painting; Beginning I	GDDM 3 History of Graphic Design HUMN 2 Introduction to Film Studies HUMN 3 Introduction to Humanities HUMN 4 Global Cinemas HUMN 11 Culture and the Arts I: Ancient World to Renaissance HUMN 12 Culture and the Arts II: The Modern World MUS 1 Introduction to Music MUS 3 World Music MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 6 Basic Music Skills MUS 8A Music Theory and Musicianship 1	MUS 8B Music Theory and Musicianship 2 MUS 13 History of Rock & Roll MUS 34 Music in Film PHTO 67 History of Photography THEA 4 Modern American Theater THEA 10 Introduction to Dramatic Arts THEA 11 Stage to Screen THEA 14 Bay Area Theater THEA 25 Fundamentals of Stage Speech THEA 51 Introduction to Costume Design THEA 53 Script Analysis WLDT 71 Welding for the Arts
C2 - Humanities (at least 3 units required)		
ASL 2A American Sign Language III ASL 2B American Sign Language IV CMST 2 Oral Interpretation of Literature CMST 5 Readers Theater ECE 61 Literature for the Young Child ENG 4 Critical Thinking & Writing About Literature ENG 7 Critical Thinking & Writing Across Disciplines ENG 11 Introduction to Creative Writing ENG 12A Craft of Writing Fiction ENG 12B Craft of Writing Fiction: Intermediate ENG 32 Braft of Writing Fiction: Intermediate ENG 32 U.S. Women's Literature ENG 35 Modern American Literature ENG 41 Indoern World Literature ENG 42 Literature of the African Diaspora in America ENG 44 Literature of the American West ENG 45 Use Sing Sing Sing Sing Sing Sing Sing Sing	HIST 1 Western Civilization to 1600 HIST 2 Western Civilization since 1600 HIST 3 World History to 1500 HIST 4 World History since 1500 HIST 4 World History since 1500 HIST 7 US History Post-Reconstruction HIST 8 US History Post-Reconstruction HIST 25 American Indian History HIST 32 U.S. Women's History HUMN 2 Introduction to Film Studies HUMN 3 Introduction to Film Studies HUMN 4 Global Cinemas HUMN 10 American Arts and Ideas HUMN 10 American Arts and Ideas HUMN 11 Culture and the Arts I: Ancient World to Renaissance HUMN 12 Sworld Mythology MUS 34 Music in Film	PHIL 1 God, Nature, Human Nature PHIL 1H Honors Phil. 1: God, Nature, Human Nature PHIL 2 Ethics PHIL 2H Honors Philosophy 2: Ethics PHIL 3 Aesthetics PHIL 4 Intro to Philosophy: Knowledge PHIL 5 Feminist Philosophy PHIL 5 Feminist Philosophy PHIL 6 Logic and Argumentation RELS 1 Religions of the World RELS 2 Bible: History and Literature RELS 3 Introduction to Women's Spirituality RELS 1 Introduction to Islam SPAN 2A Intermediate Spanish I SPAN 21 Spanish for Spanish Speakers I SPAN 22 Spanish for Spanish Speakers I SPAN 22 Introduction to Hispanic Literature

Area D. Social Sciences (at least 6 units require	ed (2 courses))	
Al 50 Introduction to Administration of Justice AJ 56 Fundamentals of Crime and Delinquency AJ 66 Criminal Law AI 66 Juvenile Procedures AJ 78 Introduction to Probation and Parole ANTR 1 Biological Anthropology ANTR 2 Introduction to Archaeology ANTR 3 Cultural Anthropology ANTR 4 Language and Culture ANTR 5 Cultures of the U.S. in Global Perspective ANTR 7 Stutures of the U.S. in Global Perspective ANTR 7 Stutures of the U.S. in Global Perspective ANTR 7 Native American Cultures of North America ANTR 7 Native American Cultures of North America CMST 10 Interpersonal Communication SCMST 11 Intercultural Communication ECE 30 Entroduction to Education ECE 79 Teaching in a Diverse Society ECON 1 Principles of Microeconomics ECON 2 Principles of Microeconomics ECON 5 Economic History of the U.S. ECON 10 General Economics ENG 44 Literature of the American Udest ENG 54 Sychology of Race and Identity	ETHS 6 Introduction to Race and Ethnicity GEOG 2 Cultural Geography GEOG 5 World Regional Geography GEOG 12 Geography of California GEOG 15 Introduction to GIS G5 1 Introduction to GIS G5 1 Introduction to Global Studies G5 2 Global Issues HEA 3 Women's Health HEA 7 Introduction to Public Health HEA 7 Introduction to Public Health HEA 11 Health and Social Justice HIST 1 Western Civilization since 1600 HIST 2 Western Civilization since 1600 HIST 3 World History to 1500 HIST 4 World History since 1500 HIST 14 Usitory Through Reconstruction HIST 14 History and American Cultures of California HIST 32 US. Women's History HIST 32 U.S. Women's History JAMS 1 Introduction to Mass Communications JAMS 2 Introduction to LGBTQ Studies LGBT 1 Lintroduction to Marketing PCN 3 Theories & Concepts of Counseling: An Introduction PCN 13 Muticultural Issues in Contemporary America POLI 7 Introduction to America	POLI 12 Introduction to California State and Local Governme POL 25 Introduction to Political Theory POLI 25 Introduction to Political Theory POLI 25 Introduction to Gender, Sexuality & Politics POLI 30 International Relations PSYC 1 General Psychology PSYC 4 Brain, Mind and Behavior PSYC 6 Abnormal Psychology PSYC 10 Psychology of Human Sexuality PSYC 12 Life-span Psychology PSYC 12 Life-span Psychology PSYC 13 Psychology of Race and Identity PSYC 21 Psychology of Race and Identity PSYC 22 Psychology of Race and Identity PSYC 23 Research Methods PSYC 2 Introduction to Cognitive Science SOC 1 Principles of Sociology SOC 3 Introduction to Race and Ethnicity SOC 4 Marriage and Family Relations SOC 5 Social Problems SOC 13 Research Methods WMST 1 Introduction to Women's Studies WMST 2 Global Perspective of Women
	POLI / Introduction to American Government pment (at least 3 units required) Veterans with DD214 honoral	
BIO 55 Orientation to Health Care CMST 3 Group Communication CMST 10 Interpersonal Communication CMST 11 Intercultural Communication DANC 2A Jazz Dance Fundamentals/Beginning DANC 2A Jazz Dance Beginning/Intermediate DANC 3A Ballet Fundamentals/Beginning DANC 4A Modern/Contemporary Dance A DANC 4B Modern/Contemporary Dance B DANC 4A Choreography for the Stage A	ECE 54 Child Health, Safety and Nutrition ECE 56 Child Growth and Development FST 7 Fire Service Conditioning & Physical Agility Development HEA 1 Introduction to Personal Health HEA 3 Women's Health KIN 22A Science of Soccer 1 KIN 24 Sports Psychology KIN 26 Coaching Youth Soccer KIN 30 Introduction to Kinesiology Any Kinesiology Intercollegiate Athletics Course (KIN 32A-65)*	NTRN 1 Introduction to Nutrition Science PCN 10 Career and Educational Planning PCN 30 Student Success and the College Experience PSVC 10 Psychology of Human Sexuality PSVC 12 Life-span Psychology SOC 4 Marriage and Family Relations SOC 7 Sociology of Sexuality * KIN 32A-65, AF1-ZUM1 maximum credit 2 units
DANC 6B Choreography for the Stage B Area F. Ethnic Studies (at least 3 units required ETHS 5 Psychology of Race and Identity ETHS 6 Introduction to Race and Ethnicity	Any Kinesiology Activity Course (KIN AF1-ZUM1)* PSYC 21 Psychology of Race and Identity SOC 3 Introduction to Race and Ethnicity	
American Institutions US History, Constitu	tion, and American Ideals (CSU Graduation Requirer o be applied to GE-B requirements in Area C2 or D if applicable	ment - NOT required to certify CSUGE-B)
Group 1		
HIST 7 US History Through Reconstruction	HIST 8 US History Post-Reconstruction	
Group 2		
•	HIST 14 History and American Cultures of California	
HIST 7 US History Through Reconstruction Group 3	mon 14 mistory and American Cultures of California	
POLI 7 Introduction to American Government and at least 1	L of the following:	
	•	
HIST 7 US History Through Reconstruction HIST 8 US History Post-Reconstruction	HIST 25 American Indian History HIST 32 U.S. Women's History	
FAQS: Frequency Asked Questions about		
Q What is the California State University Gen		
· ·	nmunity college transfer students can follow to fulfill lower-d	ivision general education requirements for the CSU
Q Is CSUGE-B an admission requirement?		
· ·	nplete the minimum eligibility requirements for admission to	a CSU – see a counselor for details and advisement
	ational Baccalaureate (IB), and College Level Examina	
	IGE-B with passing scores. For details, see the AP, IB, and CLE	• • •
What is "CSUGE-B Certification" and how d		
A CSUGE-B certification is the process by which the	community college verifies that a student has completed all o t directly to the transfer institution. If CSUGE-B is not certifie	of the required coursework for the CSUGE-B pattern (3



2022-2023 Intersegmental General Education Transfer Curriculum (IGETC)

- All courses taken to meet IGETC requirements must be completed with a grade of 'C' or better.
 Courses may be listed in more than one area but will NOT be certified more than once, unless otherwise stated.
 For a course to meet an IGETC requirement, the course must be on the IGETC pattern during the academic year it is taken.

Area 1. English Communication (at least 9 unit	s required with at least 1 course each from English Comp	osition, Critical Thinking/English Composition, and
	ires at least 6 units with at least 1 course each from English Com	
1A - English Composition (at least 3 units required)		
ENG 1A Critical Reading and Composition	ENG 1AEX Critical Reading and Composition Expanded	ESL 1A Critical Reading and Composition for ESL
1B - Critical Thinking/English Composition (at leas	Q , ,	Ese in childen reading and composition for Ese
ENG 4 Critical Thinking and Writing About Literature ENG 7 Critical Thinking and Writing Across Disciplines	PHIL 8 Logic and Argumentation THEA 53 Script Analysis	
1C - Oral Communication (at least 3 units required)		
		CMST 46 Argumentation and Debate
CMST 1 Fundamentals of Public Speaking	CMST 10 Interpersonal Communication	CMST 46 Argumentation and Debate
Area 2. Mathematical Concepts and Quanti	tative Reasoning	
2A - Mathematics (at least 3 units required)		
CS 17 Discrete Mathematical Structures	MATH 5 Ordinary Differential Equations	MATH 33 Finite Mathematics
MATH 1 Calculus I MATH 2 Calculus II	MATH 7 Elementary Linear Algebra	MATH 34 Business Calculus MATH 40 Statistics and Probability
MATH 2 Calculus II MATH 3 Multivariable Calculus	MATH 10 Discrete Mathematical Structures MATH 30 College Algebra for STEM	MATH 40 Statistics and Probability MATH 47 Mathematics for Liberal Arts
•	quired (3 courses) with at least 1 course each from Arts a	nu numanities)
3A - Arts (at least 3 units required)		
ARHS 1 Introduction to Art History	HUMN 3 Introduction to Humanities	MUS 8B Music Theory and Musicianship 2
ARHS 2 Art of the Ancient Americas ARHS 3 Arts of Africa, Oceana, and Indigenous North America	HUMN 4 Global Cinemas HUMN 11 Culture and the Arts I: Ancient World to Renaissance	MUS 13 History of Rock & Roll
ARHS 3 Arts of Arnca, Oceana, and Indigenous North America ARHS 4 Western Art History - Ancient to Medieval	HUMN 12 Culture and the Arts I: Ancient World to Renaissance HUMN 12 Culture and the Arts II: The Modern World	PHTO 67 History of Photography
ARHS 5 Western Art History - Renaissance to Contemporary	MUS 1 Introduction to Music	THEA 4 Modern American Theater
ARHS 7 Modern Art History	MUS 3 World Music	THEA 10 Introduction to Dramatic Arts
ARHS 8 Asian Art History GDDM 3 History of Graphic Design	MUS 4 Jazz in American Culture MUS 5 American Cultures in Music	THEA 11 Stage to Screen THEA 14 Bay Area Theater
HUMN 2 Introduction to Film Studies	MUS 8A Music Theory and Musicianship 1	THEA 14 Bay Area Theater THEA 53 Script Analysis
3B - Humanities (at least 3 units required)		
ASL 2A American Sign Language III	HIST 8 US History Post-Reconstruction	PHIL 2H Honors Philosophy 2: Ethics PHIL 3 Aesthetics
ASL 2B American Sign Language IV ENG 4 Critical Thinking & Writing About Literature	HIST 14 History and American Cultures of California HIST 25 American Indian History	PHIL 3 Aesthetics PHIL 4 Intro to Philosophy: Knowledge
ENG 7 Critical Thinking & Writing Across Disciplines	HIST 32 U.S. Women's History	PHIL 5 Feminist Philosophy
ENG 20 Studies in Shakespeare	HUMN 2 Introduction to Film Studies	PHIL 6 Introduction to Logic
ENG 32 U.S. Women's Literature	HUMN 3 Introduction to Humanities	PHIL 8 Logic and Argumentation
ENG 35 Modern American Literature	HUMN 4 Global Cinemas	RELS 1 Religions of the World
ENG 41 Modern World Literature ENG 42 Literature of the African Diaspora in America	HUMN 6 Nature and Culture HUMN 10 American Arts and Ideas	RELS 2 Bible: History and Literature RELS 3 Introduction to Women's Spirituality
ENG 42 Literature of the American West	HUMN 11 Culture and the Arts I: Ancient World to Renaissance	
ENG 45 Studies in Fiction	HUMN 12 Culture and the Arts II: The Modern World	SPAN 2A Intermediate Spanish I
HIST 1 Western Civilization to 1600	HUMN 28 World Mythology	SPAN 2B Intermediate Spanish II
HIST 2 Western Civilization since 1600	MUS 34 Music in Film	SPAN 21 Spanish for Spanish Speakers I
HIST 3 World History to 1500 HIST 4 World History since 1500	PHIL 1 God, Nature, Human Nature PHIL 1H Honors Phil. 1: God, Nature, Human Nature	SPAN 22 Spanish for Spanish Speakers II SPAN 23 Introduction to Hispanic Literature
HIST 7 US History Through Reconstruction	PHIL 2 Ethics	SPAN 25 Infroduction to hispanic Elterature
	ist 9 units required (3 courses) with courses in at least 2 d	lisciplings
AJ 50 Introduction to Administration of Justice AJ 60 Criminal Law	GEOG 5 World Regional Geography GEOG 12 Geography of California	POLI 25 Introduction to Political Theory POLI 26 Introduction to Gender, Sexuality & Politics
AJ 66 Juvenile Procedures	GS 1 Introduction to Global Studies	POLI 30 International Relations
AJ 78 Introduction to Probation and Parole	GS 2 Global Issues	PSYC 1 General Psychology
ANTR 1 Biological Anthropology	HEA 3 Women's Health	PSYC 3 Introduction to Social Psychology
ANTR 2 Introduction to Archaeology	HEA 7 Introduction to Public Health	PSYC 4 Brain, Mind and Behavior
ANTR 3 Cultural Anthropology ANTR 4 Language and Culture	HEA 11 Health and Social Justice HIST 1 Western Civilization to 1600	PSYC 6 Abnormal Psychology PSYC 10 Psychology of Human Sexuality
ANTR 5 Cultures of the U.S. in Global Perspective	HIST 2 Western Civilization to 1600 HIST 2 Western Civilization since 1600	PSYC 10 Psychology of Human Sexuality PSYC 12 Life-span Psychology
ANTR 6 Anthropology of Sex and Gender	HIST 3 World History to 1500	PSYC 13 Psychology of Women
ANTR 7 Native American Cultures of North America	HIST 4 World History since 1500	PSYC 15 Abnormal Child Psychology
ANTR 8 World Prehistory in Archaeological Perspective	HIST 7 US History Through Reconstruction	PSYC 21 Psychology of Race and Identity
ANTR 12 Magic/Religion/Witchcraft/Healing CMST 4 Introduction to Communication Studies	HIST 8 US History Post-Reconstruction HIST 14 History and American Cultures of California	PSYC 25 Research Methods PSYC 27 Introduction to Cognitive Science
CMST 10 Interpersonal Communication	HIST 25 American Indian History	SOC 1 Principles of Sociology
CMST 11 Intercultural Communication	HIST 28 History of the American West	SOC 3 Introduction to Race and Ethnicity
ECE 10 Introduction to Education	HIST 32 U.S. Women's History	SOC 4 Marriage and Family Relations
ECE 56 Child Growth and Development	JAMS 1 Introduction to Mass Communications	SOC 5 Introduction to Global Studies
ECON 1 Principles of Microeconomics ECON 2 Principles of Macroeconomics	JAMS 2 Introduction to Media LGBT 1 Introduction to LGBTQ Studies	SOC 6 Social Problems SOC 7 Sociology of Sexuality
ECON 2 Principles of Macroeconomics ECON 5 Economic History of the United States	LGBT 1 Introduction to LGBTQ Studies LGBT 2 Lesbian, Gay, Bisexual, Transgender, and Queer Psychology	
ECON 10 General Economics	PCN 13 Multicultural Issues in Contemporary America	SOC 12 Popular Culture
ETHS 5 Psychology of Race and Identity	POLI 7 Introduction to American Government	SOC 13 Research Methods
FTUS C Introduction to Dago and Ethnicity	POLI 12 Introduction to California State and Local Government	WMST 1 Introduction to Women's Studies
ETHS 6 Introduction to Race and Ethnicity GEOG 2 Cultural Geography	POLI 20 Comparative Government	WMST 2 Global Perspective of Women



2022-2023 Intersegmental General Education Transfer Curriculum (IGETC)

contain a laboratory component))	least 7 units required with at least 1 course each from P	hysical Science and Biological Science (at least 1 to
5A - Physical Science (at least 3 units required)		
ASTR 31 Introduction to Astronomy: The Solar System ASTR 32 Introduction to Astronomy: Stars and the Universe CHEM 1A General College Chemistry I ^L CHEM 12B Organic Chemistry I ^L CHEM 12B Organic Chemistry II ^L CHEM 30A Introductory and Applied Chemistry I ^L CHEM 30B Introductory and Applied Chemistry I ^L CHEM 31 Introduction to College Chemistry ^L	EVST 5 Energy and Sustainability GEOG 1 Introduction to Physical Geography GEOG 8 Introduction to Atmospheric Science GEOG 12 Geography of California GEOL 1 Physical Geology GEOL 2 Historical Geology ¹ GEOL 5 Environmental Geology: Hazards & Disasters GEOL 7 Environmental Geology: Resources, Use Impact & Pollut GEOL 12 Introduction to Oceanography	GEOL 20 Earth Science for Educators ^L PHYS 1A General Physics I ^L PHYS 1B General Physics II ^L PHYS 1C General Physics III ^L PHYS 1D General Physics IV ^L PHYS 2A Introduction to Physics I ^L PHYS 2B Introduction to Physics I ^L ion PHYS 10 Descriptive Physics
5B - Biological Science (at least 3 units required)		
ANTR 1 Biological Anthropology ANTR 13 Introduction to Forensic Anthropology BIO 1A General Botany ^L BIO 1B General Zoology ^L BIO 1C Cell and Molecular Biology ^L	BIO 7A Human Anatomy ^L BIO 7B Human Physiology ^L BIO 7C Microbiology BIO 10 Introduction to the Science of Biology ^L BIO 20 Contemporary Human Biology	BIO 30 Introduction to College Biology ^L BIO 40 Humans and the Environment BIO 50 Anatomy and Physiology ^L BIO 60 Marine Biology ^L PSYC 4 Brain, Mind and Behavior
5C - Laboratory Science Requirement (at least 1 u	nit required with at least course from below or from Pl	nysical Science or Biological Science marked with an ¹)
ANTR 1L Biological Anthropology Lab ANTR 2L Archaeology Field Lab ASTR 30L Introduction to Astronomy Lab	GEOG 1L Introduction to Physical Geography Laboratory GEOL 1L Physical Geology Laboratory GEOL 12L Introduction to Oceanography Laboratory	PHYS 10L Descriptive Physics Lab
Area 6. Language Other Than English (UC Req	uirement - required to certify IGETC (for UC))	
1. Complete 2 years of high school study in the same la 2. Demonstrating equivalent proficiency prior to transf 3. Complete 1 of the following courses with a grade of	er or AP Language & Cultures exam with score of 3 or hi 'C' or better	gher.
ASL 1A American Sign Language I ASL 1B American Sign Language II ASL 2A American Sign Language III ASL 2B American Sign Language IV FREN 1A Beginning French	FREN 1B Elementary French SPAN 1A Beginning Spanish SPAN 1B Elementary Spanish SPAN 2A Intermediate Spanish I SPAN 2B Intermediate Spanish II	SPAN 21 Spanish for Spanish Speakers I SPAN 22 Spanish for Spanish Speakers II SPAN 23 Introduction to Hispanic Literature
Complete 1 group Up to 6 units of these courses may also b	tion, and American Ideals (CSU Graduation Requi e applied to GE-B requirements in Area 3B or 4 if applicable	irement - NOT required to certify IGETC)
Group 1		
HIST 7 US History Through Reconstruction	HIST 8 US History Post-Reconstruction	
Group 2	UIST 14 History and American Cultures of Colifornia	
HIST 7 US History Through Reconstruction Group 3	HIST 14 History and Amerocam Cultures of California	
POLI 7 Introduction to American Government and at least 1 o	f the following:	
HIST 7 US History Through Reconstruction HIST 8 US History Post-Reconstruction	HIST 25 American Indian History HIST 32 U.S. Women's History	
FAQS: Frequency Asked Questions about IC	JETC	
Q What is the Intersegmental General Educatio	n Transfer Curriculum (IGETC)	
	who are undecided about their transfer goals because it	vision general education requirements for either the UC keeps their options open. Many private/independent
Q Is IGETC an admission requirement?		
	GETC and eligibility for admission to the CSU or UC syste	em
Q What alternatives to IGETC exist?		
	ve the option to complete the CSU General Education Br ements of the destination UC campus or the minimum Ur igibility Courses.	eadth requirements. Students who are UC-bound have C transfer admission requirements as listed on ASSIST.org >
Q Is it advisable for all transfer students to follow IGETC?		
	rsuing majors that require extensive lower-division majo following the minimum UC eligibility requirements listed	r preparation (i.e. Engineering) may not find IGETC on ASSIST.org > select Las Positas College and UC Transfer
Q Can I use Advanced Placement (AP) and Inter	national Baccalaureate (IB) exams for IGETC?	
major requirements can vary at each UC campus.	• • • • • • • • • • • • • • • • • • •	e LPC Catalog. However, application of AP and IB exams to
Q What is "IGETC Certification" and how do I re	•	
es/34 units where Area 1C is not required and partial co be subject to the lower-division general education requ end of the last semester before transferring.	ompletion is also possible), which is sent directly to the t irements of the campus to which they transfer. Request	f the required coursework for the IGETC pattern (11 cours- ransfer institution. If IGETC is not certified, students may an IGETC Certification in the Admissions & Records at the
Please note that Las Positas and Chabot Co	llege DO NOT share CSUGE-B or IGETC patte	erns. If you are interested in taking a course

Please note that Las Positas and Chabot College DO NOT share CSUGE-B or IGETC patterns. If you are interested in taking a course at Chabot College please be sure to see a counselor.