



This addendum to the 2019-2020 American River College Catalog contains important changes and additions. This addendum was updated after the 2019-2020 American River College Catalog went to press in March.

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Transfer Information Additional CSU-GE Breadth and IGETC requirements: (Catalog-p 71-74)	page 3
Apprenticeship Added Certificate of Achievement: (Catalog-p 98)	page 4
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Diesel/Clean Diesel Technology Added Certificates of Achievement: (Catalog-p 223)	page 6
English Department Final - Elementary Teacher Education A.A. for Transfer Degree: (Catalog-p 255)	page 7
International Studies Added Global Studies A.A. for Transfer (AA-T) Degree: (Catalog-p 374)	page 8
Social Justice Studies Added Social Justice Studies A.A. for Transfer (AA-T) Degrees: (Catalog-p 497, in Sociology)	page 9
New Courses New courses added to the 2019-2020 College Catalog	page 11

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Los Rios Community College District

The information listed is a correction for the Catalog 2019-2020

Correction to the ARC Graduation Requirements - Reading Competency on page 61.

Correction to the title of the Activity Leader department certificate on page 328.

B. Reading competency

may be met using one of the following:

1. Satisfactory completion of one of the following General Education Patterns: The Intersegmental General Education Transfer Curriculum; The California State University General Education Breadth Requirements OR Any local general education pattern offered in the Los Rios Community College District.
2. Proof of having met reading competency at a regionally accredited college in the U.S.
3. Possession an AA/AS or higher from a regionally accredited community college in the U.S.

Activity Leader Certificate

This certificate provides a comprehensive overview of the role and duties of an activity leader in a long-term care facility. The certificate meets State of California, Title 22 (Department of Social Service) requirements for activity leader certification.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- articulate the role and responsibilities of the activity leader in a long-term care facility
- demonstrate effective communication skills in interviewing long-term care residents
- analyze normal and disease process changes in hearing and speech and develop strategies for effective communication
- generate required documentation to comply with State and Federal regulations
- create activities which meet physical and emotional needs of residents in long-term care
- assess effects of institutionalization and possible impact on mental health and family relationships
- identify types of dementia and appropriate communication and behavior management strategies
- demonstrate effective problem solving, motivation, and communication skills involved in leadership of an activity program
- compare and contrast community services available and their relevancy to an activity program
- develop appropriate activities and monthly activity calendar to meet the needs of individual residents in long-term care

Career Opportunities

Activity Leader in long-term care, assisted living, and retirement facilities.

Requirements for Certificate**6.5 Units**

GERON 430	Activity Leader	6.5
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CSU-GE Breadth and IGETC 2019-2020 additions to the Catalog 2019-2020

For a complete listing of the California State University (CSU) General Education Pattern, see page 71.

For a complete listing of the UC and CSU Intersegmental General Education Transfer Curriculum (IGETC), see page 73-74.

CSU-GE Breadth 2019-2020 Additions

The following additions to the CSU-GE Breadth were received after the 2019-2020 catalog was printed.

Course	CSU-GE Area
BIOL 332 – Introduction to Ornithology NATR 306 – Introduction to Rangeland Ecology and Management	B2
BIOL 332 – Introduction to Ornithology	B3 (Lab)
STAT 480 – Introduction to Probability and Statistics - Honors	B4 – Quantitative Reasoning
FREN 401 – Elementary French FREN 402 – Elementary French ITAL 401 – Elementary Italian ITAL 402 – Elementary Italian SPAN 401 – Elementary Spanish	C2 – Humanities
ANTH 335 – Research Methods in Anthropology HSER 330 – Issues of Diverse Populations (same as PSYC 365) PSYC 365 – Issues of Diverse Populations (same as HSER 330) SJS 300 – Introduction to Social Justice Studies SJS 310 – Introduction to LGBTQ Studies	D – Social and Behavioral Sciences

IGETC 2019-2020 Additions

The following additions to IGETC were received after the 2019-2020 Catalog was printed.

Course	IGETC Area
ARTH 318 – History of American Art	3A
HUM 324 – Global Islam: Culture and Civilization	3B
ANTH 319 – Visual Anthropology: Introduction to Ethnographic Film IS 301 – Introduction to Global Studies IS 302 – Issues in Global Studies	4
BIOL 332 – Introduction to Ornithology	5B
BIOL 332 – Introduction to Ornithology	5C

The certificate program listed here is an addition to the Catalog 2019-2020

For a complete listing of programs and courses in Apprenticeship, see page 98.

<p>Area: Apprenticeship Phone: (916) 484-8521 Counseling: (916) 484-8572</p>	<p>A.A. Degree: Carpenter Apprenticeship Drywall/Lathing Apprenticeship Electrical Apprenticeship Ironworkers Apprenticeship Sheet Metal Apprenticeship Sheet Metal Service Technician Apprenticeship</p>	
<p>Area: Pre-Apprenticeship Dean: Dr. Trish Caldwell Phone: (916) 484-8354</p>	<p>Certificates: Carpenters Apprenticeship Drywall/Lathing Apprenticeship Electrical Apprenticeship Ironworkers Apprenticeship Mill and Cabinet Maker Apprenticeship Residential/Commercial Electrician Trainee Sheet Metal Apprenticeship Sheet Metal Residential Sheet Metal Service Technician Apprenticeship Pre-Apprenticeship</p>	<p>Department Certificates: Green Technology Pre-Apprenticeship Infrastructure Pre-Apprenticeship Utilities Worker Pre-Apprenticeship</p>

Mill and Cabinet Maker Apprenticeship Certificate

Major Code: 011410C01

This program trains apprentices on the specific levels required for the construction industry and has been approved by the State of California Department of Apprenticeship Standards. It includes safety, blueprint reading, construction processes, building codes, estimation, and various mill and cabinet carpentry topics.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate safe working practices in a field construction environment.
- demonstrate proper selection, use, care, preparation, and handling of the mill and cabinet carpenter's tools of the trade.
- analyze, interpret, and apply national building codes relating to mill and cabinet carpentry.
- analyze and interpret residential and commercial construction blueprints.
- identify and select appropriate materials for each phase of construction.
- construct and complete an advanced project demonstrating journeymen-level skills.
- apply design elements and principles to create functional and attractive cabinets.

Career Opportunities

Mill and cabinet maker technicians are in high demand. The industry is not able to hire the amount of certified employees needed to fill the workforce and meet the needs of the industry. Students that are in this apprenticeship program are currently working in the mill and cabinet maker industry.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Must be a state registered Mill and Cabinet apprentice.

Requirements for Certificate	37 Units
A minimum of 21 units from the following:	21
CARPT 270 Mill Cabinet Safety and Tool Skills (1.5)	
CARPT 271 The Mill Cabinet Apprentice and the Trade (1.5)	
CARPT 272 Math for the Trades (2)	
CARPT 273 Basic Cabinet Making (1.5)	
CARPT 274 Basic Blueprint Reading Mill Cabinet (1.5)	
CARPT 275 Machinery Maintenance for Mill Cabinet (1.5)	
CARPT 276 Cabinet Hardware Installation (1.5)	
CARPT 277 Sanding, Stains, and Finish Preparation (1.5)	
CARPT 278 Advanced Machinery Operation (1.5)	
CARPT 279 Advanced Blueprint Reading for Mill Cabinet (1.5)	
CARPT 280 Advanced Cabinet Making (1.5)	
CARPT 281 Veneers, Laminate, and Finishing (1.5)	
CARPT 282 CAD Basics for Mill Cabinetry (1.5)	
CARPT 283 Introduction to CNC (1.5)	
CARPT 284 Solid Surface Material, Fabrication, and Installation (1.5)	
CARPT 285 Advanced Project for Mill Cabinet (1.5)	
A minimum of 16 units from the following:	16
CARPT 298 Work Experience in Carpenters Apprenticeship (1 - 4)	

The program listed here is an approved Certificate of Achievement for the Catalog 2019-2020

For a complete listing of programs and courses in Automotive Technology, see page 153.

<p>Area: Technical Education Dean: Dr. Trish Caldwell Phone: (916) 484-8354 Counseling: (916) 484-8572</p>	<p>Degree: A.S. - Automotive Analysis A.S. - Automotive Component Service Technician A.S. - Automotive Technology</p> <p>Certificates: Air Conditioning Service Alternative Fuels and Green Vehicle Technology Automotive Analysis Automotive Component Service Technician Automotive Emissions Inspection and Repair Technician Automotive Technology Extreme Tuner Parts and Service Small Engines Snap-On™ Certification Transmission Service Undercar Service</p> <p>Department Certificates: Automotive Brakes Automotive Suspension and Steering</p>
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Small Engines Certificate

Major Code: 011034C01

This certificate prepares students for employment in the automotive industry, specializing in small engines.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate accepted safety and work procedures, including Occupational Safety and Health Administration (OSHA) and proper hazardous materials disposal.
- service and repair the starter systems of 2-cycle and 4-cycle small engines.
- identify the external and internal parts of 2-cycle and 4-cycle small engines.
- determine the proper lubrication and fuel requirements for 2-cycle and 4-cycle small engines using factory maintenance data.
- service and repair the cooling and oil systems of 2-cycle and 4-cycle small engines.
- remove, rebuild, install, adjust, and tune 2-cycle and 4-cycle small engine fuel delivery and ignition system components.

Career Opportunities

The automotive small engines industry is growing and in need of technicians. This certificate prepares students for employment in many different areas, including horticulture, off road vehicles, marine applications, and many others.

Requirements for Certificate	12 Units
AT 100 Technical Basics for the Automotive Professional	3
AT 180 Automotive Data Acquisition	3
AT 181 Snap-On Multimeter Basics	1
AT 301 Small Gas Engines, Outdoor Power Equipment (4)	4
or HORT 330 Small Gas Engines, Outdoor Power Equipment (4)	
A minimum of 1 unit from the following:	1
AT 140 Advanced Automotive Skill and Speed Development (3)	
or AT 298 Work Experience in Automotive Technology (1 - 4)	

The certificate programs listed here are additions to the Catalog 2019-2020

For a complete listing of programs and courses in Diesel/Clean Diesel Technology, see page 223.

Area: Technical Education	Degree: A.S. - Diesel Technology
Dean: Dr. Trish Caldwell	Certificates: Diesel Technology
Phone: (916) 484-8354	Clean Diesel Technology
Counseling: (916) 484-8572	Clean Diesel Hybrid Technology
	Clean Diesel Management Systems
	Diesel Engine Technology
	Light Duty Diesel Truck
	Preventive Maintenance

Diesel Engine Technology Certificate

Major Code: 011281C01

This certificate is designed for students seeking employment in the diesel industry specializing in diesel engine repair.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- comply with safety and environmental regulations and standards required in the diesel repair environment.
- explain and identify natural gas diesel engines, including the proper cleaning, assembly and disassembly.
- demonstrate correct welding techniques for diesel application.
- utilize safety precautions that apply to diagnose and repair electrical/electronic components.
- locate, download, and print information specific to diesel tractor manufacturers and apply it to the diesel tractor conditions.

Career Opportunities

The diesel industry is growing and is in need of highly trained/skilled technicians that can step into the workforce.

Requirements for Certificate	20 Units
DCDT 100 Diesel Technology Basics	4
DCDT 101 Diesel Preventive Maintenance	4
DCDT 110 Diesel Engine Repair	4
DCDT 111 Clean Natural Gas Engine Repair	4
DCDT 162 Clean Diesel Software Support	4

Light Duty Diesel Truck Certificate

Major Code: 011282C01

This certificate prepares students for entry-level positions in the diesel technology industry. Topics include theory and operation of light duty diesel engines, computer controlled injection, and emission control systems.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- describe the basic operations of diesel fueled vehicles.
- perform basic diesel engine turbo charger diagnostic procedures.
- test diesel engine emissions and emission control systems.
- apply procedural information, illustrations, diagnostic information, and wiring diagrams to diesel tractors.
- analyze and evaluate the advantages and disadvantages of working in dealerships, independent shops, and fleet shops.

Career Opportunities

Entry level positions in light duty diesel technology, agriculture, and construction industry. Additional career opportunities are likely as the light duty diesel industry continues to grow.

Requirements for Certificate	23 Units
DCDT 162 Clean Diesel Software Support	4
DCDT 163 Industrial Software and Systems	4
DCDT 200 Light Duty Diesel/Green Diesel Technology	4
DCDT 201 Advanced Light Duty Diesel/ Green Diesel Technology	4
DCDT 280 Professionalism in the Industry	3
DCDT 281 Diesel Shop Operations	4

The degree program listed here is the final version for the Catalog 2019-2020

For a complete listing of programs and courses in English, see page 255.

<p>Area: English Dean: Douglas Herndon Phone: (916) 484-8101 Counseling: (916) 484-8572</p>	<p>Degree: A.A. for Transfer - English A.A. for Transfer - Elementary Teacher Education A.A. - English Communication and Literature Department Certificates: Literary Publishing</p>
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Elementary Teacher Education A.A. for Transfer Degree

Major Code, CSU GE: 011157A01
 Major Code, IGETC: 011157A02

The Associate in Elementary Teacher Education for Transfer provides a clearly articulated curricular track for students who wish to transfer to a CSU campus, while also serving the diverse needs of students interested in the breadth and depth of the field of Elementary Teacher Education. Additionally, this degree exposes students to the core principles and practices of the field in order to build a foundation for their future personal, academic, or vocational paths.

The Associate in Arts degree in Elementary Teacher Education for Transfer provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. The Associate in Arts degree in Elementary Teacher Education for Transfer (AA-T) may be obtained by the completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program outlined below (earning a C or better in these courses) and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply the scientific method using inquiry, data collection, quantitative reasoning, and basic mathematical concepts to analyze results
- assess teaching practices and learning conditions through application of child development theories
- evaluate attitudes, actions, and behaviors indicative of a professional educator
- apply analytical reading and writing, research, and critical thinking essential for completing assigned tasks
- explain relationships and interactions between humans and the earth
- apply knowledge of world history and cultures to identify the values of a culture and work with others of diverse cultures
- analyze statistical data
- present information effectively to an intended audience
- compare and contrast various forms and styles of music, artworks, and theatrical performances

Career Opportunities

Public or private instructional assistant or classroom aide, grades K-8; private tutor; publishing and textbook salesperson; curriculum and test developer; teacher, grades K-12 with additional education.

Requirements for Degree

56-57 Units

BIOL 310	General Biology	4
CHEM 305	Introduction to Chemistry.....	5
ECE 312	Child Development (3)	3
or PSYC 372	Child Development (3)	
ENGED 324	Introduction to Elementary Teaching with Field Experience (3) ...	3
or ECE 350	Introduction to Elementary Teaching with Field Experience (3)	
ENGWR 300	College Composition (3)	3
or ENGWR 480	Honors College Composition (3)	
ENGWR 301	College Composition and Literature (3)	3
or ENGWR 303	Argumentative Writing and Critical Thinking Through Literature(3)	
or ENGWR 481	Honors College Composition and Literature (3)	
ENGWR 302	Advanced Composition and Critical Thinking.....	3
GEOG 320	World Regional Geography.....	3
GEO 305	Earth Science	3
GEO 306	Earth Science Laboratory	1
HIST 307	History of World Civilizations to 1500	3
HIST 308	History of World Civilizations, 1500 to Present.....	3
HIST 310	History of the United States (3)	3
or HIST 483	History of the United States - Honors (3)	
MATH 311	Mathematical Concepts for Elementary School Teachers - Number Systems	3
PHYS 310	Conceptual Physics	3
PHYS 312	Conceptual Physics Laboratory	1
POLS 301	Introduction to Government: United States (3).....	3
or POLS 481	Introduction to Government: United States - Honors (3)	
SPEECH 301	Public Speaking	3
And a minimum of 3 units from the following:		3
ARTH 300	Introduction to Art (3)	
MUFHL 300	Introduction to Music (3)	
TA 300	Introduction to the Theatre (3)	

Associate in Arts for Transfer Degree Requirements: The Associate in Arts in Elementary Teacher Education for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

The degree program listed here is an addition to the Catalog 2019-2020

For a complete listing of programs and courses in International Studies, see page 374.

Area: Behavioral & Social Sciences
 Dean: Dr. Steven Boyd
 Phone: (916) 484-8283
 Counseling: (916) 484-8572

Degrees: A.A. - International Studies
 A.A. for Transfer - Global Studies

Global Studies A.A. for Transfer Degree

Major Code, CSU GE: 011235A01

Major Code, IGETC: 011235A02

This degree provides an understanding of international issues and the impact of globalization on developed and developing economies. It covers a number of issues, including trade, economic development, war and conflict, and foreign relations and diplomacy.

The Associate in Arts in Global Studies for Transfer (AA-T) degree provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. The Associate in Arts in Global Studies for Transfer (AA-T) degree may be obtained by the completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program outlined below (earning a C or better in these courses) and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate their role as a member of a global network of interdependent societies.
- formulate a cohesive understanding of world issues and events and incorporate that knowledge into their daily life and career.
- analyze various social-scientific perspectives that explain the causes and consequences of globalization.
- apply various social-scientific perspectives to daily life and work environment, recognize people's socio-economic, political, and geographical background.
- analyze local and societal issues and problems within a global context.

Requirements for Degree

21 Units

IS 301	Introduction to Global Studies	3
IS 302	Issues in Global Studies	3
A minimum of 15 units from the following:		15

Select five courses from a minimum of four of the following areas:

CULTURE AND SOCIETY

ANTH 310	Cultural Anthropology (3)
HIST 308	History of World Civilizations, 1500 to Present (3)

ECONOMICS

ECON 302	Principles of Macroeconomics (3)
ECON 304	Principles of Microeconomics (3)

GEOGRAPHY

GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)
GEOG 320	World Regional Geography (3)

HUMANITIES

DEAF 314	American Sign Language III (4)
DEAF 316	American Sign Language IV (4)
ENGLT 340	World Literature I (3)
ENGLT 341	World Literature II (3)
FREN 411	Intermediate French (4)
FREN 412	Intermediate French (4)
GERM 411	Intermediate German (4)
GERM 412	Intermediate German (4)
ITAL 411	Intermediate Italian (4)
ITAL 412	Intermediate Italian (4)
SPAN 411	Intermediate Spanish (4)
SPAN 412	Intermediate Spanish (4)

POLITICAL SCIENCE

POLS 302	Comparative Politics (3)
POLS 310	Introduction to International Relations (3)

Associate in Arts for Transfer Degree Requirements: The Associate in Arts in Global Studies for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

The degree programs listed here are additions to the Catalog 2019-2020

For a complete listing of programs and courses in Social Justice Studies (Sociology), see page 497.

<p>Area: Behavioral & Social Sciences Dean: Dr. Steven Boyd Phone: (916) 484-8283 Counseling: (916) 484-8572</p>	<p>Degree: A.A. for Transfer - Sociology A.A. - International Studies A.A. for Transfer - Social Justice Studies: Race and Ethnicity A.A. for Transfer - Social Justice Studies: Women, Gender, and LGBTQ Studies</p>
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**Social Justice Studies: Race and Ethnicity
 A.A. for Transfer Degree**

Major Code, CSU GE: 010710A01
 Major Code, IGETC: 010710A02

The Associate in Arts in Social Justice Studies: Race and Ethnicity for Transfer degree provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. The Associate in Arts in Social Justice Studies: Race and Ethnicity for Transfer (AA-T) degree may be obtained by the completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program outlined below (earning a C or better in these courses) and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.

The Associate in Arts in Social Justice Studies: Race and Ethnicity for Transfer (AA-T) degree provides a curricular track for students who wish to transfer into a variety of CSU majors related to race and ethnicity, such as Ethnic Studies, Chicano Studies, or African American Studies. This Transfer Model Curriculum is an “Area of Emphasis” (AOE), which allows for students to transfer into more than one CSU major related to Race and Ethnicity. Students interested in transferring to a CSU campus to pursue a bachelor’s degree in an Area of Emphasis should meet with a counselor to confirm the courses required for lower division preparation in the major. This degree exposes students to the core principles and practices of the Social Justice Studies field in order to build a foundation for their future personal, academic, or vocational paths.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- research how theoretical perspectives and critical theories on social justice inform the social, political, economic, historical, and cultural circumstances surrounding justice as they relate to race and ethnicity as well as other intersectional aspects of life in society.
- define and analyze power and oppression to better understand how they operate at the individual, cultural, and institutional levels.

- explain how intersectional formations of social identity reflecting various levels of power and privilege impact social justice at the individual, cultural, and institutional levels.
- recognize the historical origins and similarities in struggles for social justice among different ethnic and racial groups.
- assess artistic works that examine oppression, power, and justice as they relate to race and ethnicity.

Career Opportunities

The AA-T degree provides students with a solid foundation in Social Justice Studies as well as prerequisites for upper division coursework leading to the baccalaureate degree in a variety of Areas of Emphasis. The degree gives students a pathway to possibilities, options, and baccalaureate degrees focusing on social justice. In addition, a student can use the AA-T in Social Justice Studies to get into a CSU and then complete a graduate degree in a related field. Students with degrees in this field often assume careers as (or in) the following: activists, community organizers, political campaigners, human rights groups, religious organizations, international agencies, lobbyists, and mediators. This program is also an excellent starting point for students interested in a career in law, law enforcement, social work, clinical psychology, or any social science, politics, business, education, or public policy.

Requirements for Degree	18 Units
SJS 300 Introduction to Social Justice Studies	3
SJS 310 Introduction to LGBTQ Studies	3
SOC 320 Minorities in America	3
<i>A minimum of 9 units from the following:</i>	<i>9</i>
<i>Select three courses from at least two of the following areas:</i>	
Area 1: History or Government	
HIST 320 History of the United States: African-American Emphasis (3)	
HIST 321 History of the United States: African-American Emphasis (3)	
HIST 323 History of the United States: The American Indian Experience (3)	
HIST 325 History of Asian/Pacific Americans (3)	
HIST 327 History of the Chicano/Mexican American (3)	
Area 2: Arts and Humanities	
ENGLT 335 Latino, Mexican-American, and Chicano Literature (3)	
ENGLT 338 Native American Literature (3)	
HUM 320 Asian Humanities (3)	
Area 3: Social Sciences	
ANTH 334 Native Peoples of North America (3)	
JOUR 320 Race and Gender in the Media (3)	
SOC 342 Gender Relations in American Society (3)	

(Continued on Next Page)

(Social Justice Studies: Race and Ethnicity Degree Continued)

Area 4: Quantitative Reasoning

PSYC 330 Introductory Statistics for the Behavioral Sciences (3)
 or STAT 300 Introduction to Probability and Statistics (4)
 or STAT 480 Introduction to Probability and Statistics - Honors (4)

Area 5: Major Preparation

PSYC 300 General Principles (3)
 or PSYC 480 Honors General Principles (3)
 SOC 300 Introductory Sociology (3)
 or SOC 480 Introductory Sociology - Honors (3)

Associate in Arts for Transfer Degree Requirements: The Associate in Arts in Social Justice Studies: Race and Ethnicity for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

Social Justice Studies: Women, Gender, and LGBTQ Studies A.A. for Transfer Degree

Major Code, CSU GE: 010711A01
Major Code, IGETC: 010711A02

The Associate in Arts in Social Justice Studies: Women, Gender, and LGBTQ Studies for Transfer degree provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. The Associate in Arts in Social Justice Studies: Women, Gender, and LGBTQ Studies for Transfer (AA-T) degree may be obtained by the completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program outlined below (earning a C or better in these courses) and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.

The Associate in Arts in Social Justice Studies: Women, Gender, LGBTQ Studies for Transfer (AA-T) degree provides a curricular track for students who wish to transfer into a variety of CSU majors related to Women, Gender, LGBTQ Studies, such as Women’s Studies, Gender Studies, or Queer Studies. This Transfer Model Curriculum is an “Area of Emphasis” (AOE), which allows for students to transfer into more than one CSU major related to Women, Gender, LG-BTQ Studies. Students interested in transferring to a CSU campus to pursue a bachelor’s degree in an Area of Emphasis should meet with a counselor to confirm the courses required for lower division preparation in the major. This degree exposes students to the core principles and practices of the Social Justice Studies field in order to build a foundation for their future personal, academic, or vocational paths.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- research how theoretical perspectives and critical theories on social justice inform the social, political, economic, historical, and cultural circumstances surrounding justice as they relate to gender, sexuality, and race as well as other intersectional aspects of life in society.
- define and analyze power and oppression to better understand how they operate at the individual, cultural, and institutional levels.

- explain how intersectional formations of social identity reflecting various levels of power and privilege impact social justice at the individual, cultural, and institutional levels.
- recognize the historical origins and similarities in struggles for social justice among diverse groups.
- assess artistic works and political achievements that expose oppression and injustice as they relate to women, gender, or the LGBTQ community.

Career Opportunities

The AA-T degree provides students with a solid foundation in Social Justice Studies as well as prerequisites for upper division coursework leading to the baccalaureate degree in a variety of Areas of Emphasis. The degree gives students a pathway to possibilities, options, and baccalaureate degrees focusing on social justice. In addition, a student can use the AA-T in Social Justice Studies to get into a CSU and then complete a graduate degree in a related field. Students with degrees in this field often assume careers as (or in) the following: activists, community organizers, political campaigners, human rights groups, religious organizations, international agencies, lobbyists, and mediators. This program is also an excellent starting point for students interested in a career in law, law enforcement, social work, clinical psychology, or any social science, politics, business, education, or public policy.

Requirements for Degree		18 Units
SJS 300	Introduction to Social Justice Studies	3
SJS 310	Introduction to LGBTQ Studies	3
SOC 342	Gender Relations in American Society	3
A minimum of 9 units from the following:		9

Select three courses from at least two of the following areas:

Area 1: History or Government

HIST 330 Women in American History (3)
 POLS 342 Women and Politics from a Global Perspective (3)

Area 2: Arts and Humanities

ENGLT 360 Women in Literature (3)
 ENGLT 365 Introduction to Gay, Lesbian, Bisexual and Transgender Literature (3)

Area 3: Social Sciences

ANTH 336 Anthropology of Sex, Sexuality and Gender (3)
 JOUR 320 Race and Gender in the Media (3)
 PSYC 356 Human Sexuality (3)
 PSYC 361 Psychology of Women in a Multicultural Society (3)
 SOC 320 Minorities in America (3)

Area 4: Quantitative Reasoning

PSYC 330 Introductory Statistics for the Behavioral Sciences (3)
 or STAT 300 Introduction to Probability and Statistics (4)
 or STAT 480 Introduction to Probability and Statistics - Honors (4)

Area 5: Major Preparation

HIST 308 History of World Civilizations, 1500 to Present (3)
 PSYC 300 General Principles (3)
 or PSYC 480 Honors General Principles (3)
 SOC 300 Introductory Sociology (3)
 or SOC 480 Introductory Sociology - Honors (3)

Associate in Arts for Transfer Degree Requirements: The Associate in Arts in Social Justice Studies: Women, Gender, and LGBTQ Studies for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

The courses listed in this section are new and have been added to the Catalog 2019-2020

Computer Information Science - Security

CISS 330 Implementing Internet Security and Firewalls 3 Units

Course Transferable to CSU
Hours: 45 hours LEC; 27 hours LAB

This course covers network and Internet security and deployment of industry standard countermeasures, including configuring Virtual Private Network (VPN) connections. Topics include the evaluation, implementation, and management of secure remote-access technologies. Also covered is the configuration of network firewalls, and allowing access to key services while maintaining security. This course is not open to students who have completed CISS 325.

Diesel/Clean Diesel Technology

DCDT 280 Professionalism in the Industry 3 Units

Hours: 45 hours LEC; 27 hours LAB

This course introduces students to the professionalism and soft skills in the heavy duty clean diesel workplace. It provides an in-depth review of skills needed, ranging from applying for jobs, interviewing by panel, professional behavior, proper diesel technology phrases used in the workplace, how to communicate professionally with clients and other employees, and many other topics for the professional diesel technician work etiquette.

DCDT 1000 ASE Diesel Engines (T2) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Diesel Engines T2 certification test.

DCDT 1001 ASE Drive Train (T3) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Drive Train T3 certification test.

DCDT 1002 ASE Brakes (T4) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Brakes T4 certification test.

DCDT 1003 ASE Suspension & Steering (T5) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Suspension and Steering T5 certification test.

DCDT 1004 ASE Electrical/Electronic Systems (T6) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Electrical/Electronic Systems T6 certification test.

DCDT 1005 ASE Industrial Refrigeration Systems (T7) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Industrial Refrigeration Systems T7 certification test.

DCDT 1006 ASE Preventive Maintenance Inspection (T8) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Preventive Maintenance T8 certification test.

DCDT 1007 ASE Light Vehicle Diesel Engines (A9) .25 Unit

Hours: 4.5 hours LEC

This course prepares the Medium/Heavy Duty Truck Technician for taking the Automotive Service Excellence (ASE) Exam for the Light Vehicle Diesel Engine A9 certification test.

Elevator

ELEVA 100 Elevator New Hire Program 4 Units

Hours: 72 hours LEC

The course is intended to introduce probationary employees to National Elevator Industry Educational Program (NEIEP). NEIEP is structured to provide students with an opportunity to become acquainted with the different learning approaches available to them as students in the program. This course provides the fundamental tools required of an apprenticeship to become successful in their career as an elevator constructor.

ELEVA 101 Elevator Trade Skills 3 Units

Hours: 45 hours LEC; 27 hours LAB

This course introduces the responsibilities of an elevator apprentice. It includes the elevator apprenticeship rules and regulations, record keeping, evaluations and advancement, work ethic, safety, and basic tools. It acquaints the elevator apprentice with specifications that constitute a safe working environment under the Occupational Safety and Health Administration (OSHA); including an introduction to the rights and obligations that OSHA imposes. In addition, this course provides an orientation and overview of the history of the elevator trade.

ELEVA 102 Elevator Hoistway Structures 3 Units*Hours: 45 hours LEC; 27 hours LAB*

This course reinforces the responsibilities of an elevator apprentice. It includes the elevator apprenticeship rules and regulations, and proper use of tools used in the elevator trade. This course helps the elevator apprentice understand how to build and install essential elevator hoistway, pit, and machine room structures.

ELEVA 103 Elevator Electrical Fundamentals 4 Units*Hours: 72 hours LEC*

This course covers an in-depth review of mathematics needed for electrical fundamentals and the basic theory of DC electrical, AC electrical, circuits, electromagnetism, and testing equipment.

ELEVA 104 Elevator Electrical Theory and Application 3 Units*Hours: 45 hours LEC; 27 hours LAB*

This course teaches theory of electrical components, applications, and real testing procedures. It provides instruction in electrical applications and electrical measurements that are required for an apprentice to be successful in their career as an elevator constructor.

ELEVA 105 Elevator Installation 4 Units*Hours: 72 hours LEC*

This course takes the apprentice from a simple platform and bare hoistway to the piping, planning, and wiring of the elevator system. It also provides the information needed to install and type of door system. It finishes with an overview of preventative and scheduled maintenance.

ELEVA 106 Elevator Solid State Electronics 4 Units*Hours: 72 hours LEC*

This course covers advanced electrical and solid state electronics. It emphasizes solid state components and hands-on labs to build the apprentice's electrical knowledge.

ELEVA 107 Elevator Power and Logic 3 Units*Hours: 45 hours LEC; 27 hours LAB*

This course covers the fundamental circuits found in elevators control systems. It also covers basic control logic through complex logic and troubleshooting.

ELEVA 108 Advanced Topics in Elevators 4 Units*Hours: 72 hours LEC*

This course covers hydraulic elevators and non-traditional types of elevators. It also covers escalators, residential, and rack and pinion systems.

Fashion**FASHN 370 Pattern Adjustment and Clothing Alterations 3 Units***Prerequisite: EASHN 310 and 358 with grades of "C" or better
Course Transferable to CSU**Hours: 36 hours LEC; 54 hours LAB*

This course develops skills needed to fully understand garment fit. Topics include the identification of different body types and silhouettes, and common fit problems. Also covered is how to alter ready-to-wear garments and adjust patterns to fit a variety of common fit problems. Field trips may be required.

Fitness**FITNS 304 Cardio Circuit 1 Unit***Course Transferable to CSU**Hours: 54 hours LAB*

This course is designed as a cardio circuit form of fitness training. It combines cardio and weight training equipment in a circuit format. Emphasis will be on timed intervals to train major muscle groups and the cardiovascular system. It will include flexibility and core strengthening.

FITNS 324 Mat Pilates 1 Unit*Course Transferable to CSU**Hours: 54 hours LAB*

This course utilizes a systematic method of mindful and precise conditioning exercises designed to develop core strength, flexibility, and body awareness. Through the regular practice of theoretical and applied principles of the Mat Pilates method, students will see improved posture, control, balance, and concentration.

FITNS 326 Mat Pilates II 1 Unit*Prerequisite: FITNS 324 with a grade of "C" or better**Course Transferable to CSU**Hours: 54 hours LAB*

This course will include the basic foundation of mat exercises with the addition of intermediate level exercises. Routines will include resistance methods of training with a focus on developing stronger core muscles and flexibility.

FITNS 348 High-Intensity Interval Training 1 Unit*Course Transferable to CSU**Hours: 54 hours LAB*

This course is designed to be a physically intense and total body workout. It includes workouts which incorporate running, obstacle courses, and a variety of calisthenics designed to enhance muscular strength and endurance used in high-intensity interval workouts.

FITNS 393 Yoga II 1 Unit*Prerequisite: FITNS 392 with a grade of "C" or better**Course Transferable to CSU**Hours: 54 hours LAB*

This course is designed to strengthen and enhance muscle tone through the practice of asanas and pranayama techniques. Yoga practice with elements of meditation are examined to decrease stress, improve concentration, and increase spiritual connection.

Legal Assisting**LA 336 Immigration Law 3 Units***Corequisite: LA 300**Course Transferable to CSU**Hours: 54 hours LEC*

This course is an elective in the Paralegal Studies program and is designed to prepare students for work in an immigration law setting. Students will learn about the Justice Department, the Labor Department, and the State Department, and how these agencies administer immigration and naturalization laws.

LA 365 Legal Clinic 3 Units*Prerequisite: LA 300, 310, 320, and 32 with grades of "C" or better**Course Transferable to CSU**Hours: 36 hours LEC; 54 hours LAB*

This course is a study of the activities of a legal clinic, including conducting client interviews, participating in legal consultations, performing legal research, and carrying out tasks needed in clinic operations, all under the direct supervision of clinic attorneys. This course also covers research, examinations, and conduct according to the Professional Rules of Responsibility and Ethics.

Mathematics

MATHS 45 Support for Business Mathematics 2 Units

Corequisite: MATH 340 or 342

Hours: 36 hours LEC

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in Calculus for Business and Economics (MATH 340) and Modern Business Mathematics (MATH 342). Students taking this course must be concurrently enrolled in the corresponding section of MATH 340 or MATH 342. The content of this course is designed to provide arithmetic and algebraic support to students as they learn related concepts in their corequisite course. Topics and homework assignments are often connected to students' assignments in the corequisite course. This course is graded Pass/No Pass.

MATHS 72 Support for College Algebra for Calculus 2 Units

Corequisite: MATH 372

Hours: 36 hours LEC

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in MATH 372 (College Algebra for Calculus). Students taking this course must be concurrently enrolled in the corresponding section of MATH 372. The content of this course is designed to provide arithmetic and algebraic support to students as they learn related concepts in their corequisite course. Topics and homework assignments are often connected to assignments in the corequisite course. This course is graded Pass/No Pass.

MATHS 73 Support for College Algebra for Trigonometry for Calculus 2 Units

Corequisite: MATH 373

Hours: 36 hours LEC

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in Trigonometry for Calculus (MATH 373). Students taking this course must be concurrently enrolled in the corresponding section MATH 373. The course content is designed to provide arithmetic, algebra, geometry and learning skills support to students as they learn related concepts in their corequisite course. Topics and homework assignments are often connected to students' assignments in the corequisite course. This course is graded Pass/No Pass.

MATHS 95 Support for Introduction to Mathematical Ideas 2 Units

Corequisite: MATH 300

Hours: 36 hours LEC

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in MATH 300 (Introduction to Mathematical Ideas). Students taking this course must be concurrently enrolled in the corresponding section of MATH 300. The content of this course is designed to provide arithmetic and algebraic support to students as they learn related concepts in their corequisite course. Topics and homework assignments are often connected to assignments in the corequisite course. This course is graded Pass/No Pass.

Instrumental/Voice Instruction

MUIVI 411 Applied Music-Group 1 Unit

Corequisite: Enrolled in one of the following; MUIVI 340, MUFHL 321, 400, 401, 410, 411, 420, or 421; AND Enrolled in one of the following; MUP 310, 320, 323, 330, 340, 350, 360, or 400.

Enrollment Limitation: Performance assessment

Hours: 18 hours LEC

This course focuses on the development of individual performance skills and repertoire. It includes instrumental, composition, or vocal instruction in a group setting. It also includes solo performance, recital participation, masterclasses, and a final juried performance.

Statistics

STAT 10 Support for Introduction to Probability and Statistics 2 Units

Hours: 36 hours LEC

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in STAT 300 (Introduction to Probability and Statistics). Students taking this course must be concurrently enrolled in the corresponding section of STAT 300. The content of this course is designed to help students develop effective learning strategies, and to provide arithmetic, algebraic, and geometric support as they learn concepts in the statistics course. Topics and homework assignments are often connected to assignments in the statistics course. Support using the required statistical technology package is also included. This course is graded Pass/No Pass.