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.

**Corrections**
2019-2020 College Catalog corrections

**Transfer Information**
Additional CSU-GE Breadth and IGETC requirements: (Catalog—p 71-74)

**Apprenticeship**
Added Certificate of Achievement: (Catalog—p 98)

**Automotive Technology**
Approved Certificate of Achievement: (Catalog—p 153)

**Diesel/Clean Diesel Technology**
Added Certificates of Achievement: (Catalog—p 223)

**English Department**
Final - Elementary Teacher Education A.A. for Transfer Degree: (Catalog—p 255)

**International Studies**
Added Global Studies A.A. for Transfer (AA-T) Degree: (Catalog—p 374)

**Social Justice Studies**
Added Social Justice Studies A.A. for Transfer (AA-T) Degrees: (Catalog—p 497, in Sociology)

**New Courses**
New courses added to the 2019-2020 College Catalog
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  

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERON 430</td>
<td>Activity Leader</td>
<td>6.5</td>
</tr>
</tbody>
</table>
CSU-GE Breadth 2019-2020 Additions
The following additions to the CSU-GE Breadth were received after the 2019-2020 catalog was printed.

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>IGETC Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 318 – History of American Art</td>
<td>3A</td>
</tr>
<tr>
<td>HUM 324 – Global Islam: Culture and Civilization</td>
<td>3B</td>
</tr>
<tr>
<td>ANTH 319 – Visual Anthropology: Introduction to Ethnographic Film</td>
<td>4</td>
</tr>
<tr>
<td>IS 301 – Introduction to Global Studies</td>
<td></td>
</tr>
<tr>
<td>IS 302 – Issues in Global Studies</td>
<td></td>
</tr>
<tr>
<td>BIOL 332 – Introduction to Ornithology</td>
<td>5B</td>
</tr>
<tr>
<td>BIOL 332 – Introduction to Ornithology</td>
<td>5C</td>
</tr>
</tbody>
</table>
Mill and Cabinet Maker Apprentice 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARPT 270</td>
<td>Mill Cabinet Safety and Tool Skills (1.5)</td>
</tr>
<tr>
<td>CARPT 271</td>
<td>The Mill Cabinet Apprentice and the Trade (1.5)</td>
</tr>
<tr>
<td>CARPT 272</td>
<td>Math for the Trades (2)</td>
</tr>
<tr>
<td>CARPT 273</td>
<td>Basic Cabinet Making (1.5)</td>
</tr>
<tr>
<td>CARPT 274</td>
<td>Basic Blueprint Reading Mill Cabinet (1.5)</td>
</tr>
<tr>
<td>CARPT 275</td>
<td>Machinery Maintenance for Mill Cabinet (1.5)</td>
</tr>
<tr>
<td>CARPT 276</td>
<td>Cabinet Hardware Installation (1.5)</td>
</tr>
<tr>
<td>CARPT 277</td>
<td>Sanding, Stains, and Finish Preparation (1.5)</td>
</tr>
<tr>
<td>CARPT 278</td>
<td>Advanced Machinery Operation (1.5)</td>
</tr>
<tr>
<td>CARPT 279</td>
<td>Advanced Blueprint Reading for Mill Cabinet (1.5)</td>
</tr>
<tr>
<td>CARPT 280</td>
<td>Advanced Cabinet Making (1.5)</td>
</tr>
<tr>
<td>CARPT 281</td>
<td>Veneers, Laminate, and Finishing (1.5)</td>
</tr>
<tr>
<td>CARPT 282</td>
<td>CAD Basics for Mill Cabinetry (1.5)</td>
</tr>
<tr>
<td>CARPT 283</td>
<td>Introduction to CNC (1.5)</td>
</tr>
<tr>
<td>CARPT 284</td>
<td>Solid Surface Material, Fabrication, and Installation (1.5)</td>
</tr>
<tr>
<td>CARPT 285</td>
<td>Advanced Project for Mill Cabinet (1.5)</td>
</tr>
</tbody>
</table>

A minimum of 21 units from the following: ................................................................. 21
A minimum of 16 units from the following: ................................................................. 16

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

Area: Technical Education
Dean: Dr. Trish Caldwell
Phone: (916) 484-8354
Counseling: (916) 484-8572

Degree: A.S. - Automotive Analysis
A.S. - Automotive Component Service Technician
A.S. - Automotive Technology

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

Department Certificates:
Automotive Brakes
Automotive Suspension and Steering

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 100</td>
<td>Technical Basics for the Automotive Professional</td>
<td>3</td>
</tr>
<tr>
<td>AT 180</td>
<td>Automotive Data Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>181</td>
<td>Snap-On Multimeter Basics</td>
<td>1</td>
</tr>
<tr>
<td>AT 301</td>
<td>Small Gas Engines, Outdoor Power Equipment</td>
<td>4</td>
</tr>
<tr>
<td>or HORT 330</td>
<td>Small Gas Engines, Outdoor Power Equipment</td>
<td></td>
</tr>
<tr>
<td>A minimum of 1 unit from the following:</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>AT 140</td>
<td>Advanced Automotive Skill and Speed Development</td>
<td>3</td>
</tr>
<tr>
<td>or AT 298</td>
<td>Work Experience in Automotive Technology</td>
<td>1 - 4</td>
</tr>
</tbody>
</table>
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
Dean: Dr. Trish Caldwell
Phone: (916) 484-8354
Counseling: (916) 484-8572

Degree: A.S. - Diesel Technology
Certificates: Diesel Technology
Clean Diesel Technology
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
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 310</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 305</td>
<td>Introduction to Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>ECE 312</td>
<td>Child Development (3)</td>
<td>3</td>
</tr>
<tr>
<td>or PSYC 372</td>
<td>Child Development (3)</td>
<td>3</td>
</tr>
<tr>
<td>ENGED 324</td>
<td>Introduction to Elementary Teaching with Field Experience (3)</td>
<td>3</td>
</tr>
<tr>
<td>or ECE 350</td>
<td>Introduction to Elementary Teaching with Field Experience (3)</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 300</td>
<td>College Composition (3)</td>
<td>3</td>
</tr>
<tr>
<td>or ENWR 480</td>
<td>Honors College Composition (3)</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 301</td>
<td>College Composition and Literature (3)</td>
<td>3</td>
</tr>
<tr>
<td>or ENWR 303</td>
<td>Argumentative Writing and Critical Thinking Through Literature (3)</td>
<td>3</td>
</tr>
<tr>
<td>or ENWR 481</td>
<td>Honors College Composition and Literature (3)</td>
<td>3</td>
</tr>
<tr>
<td>ENWR 302</td>
<td>Advanced Composition and Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 320</td>
<td>World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 305</td>
<td>Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 306</td>
<td>Earth Science Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>HIST 307</td>
<td>History of World Civilizations to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 308</td>
<td>History of World Civilizations, 1500 to Present</td>
<td>3</td>
</tr>
<tr>
<td>HIST 310</td>
<td>History of the United States (3)</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 483</td>
<td>History of the United States – Honors (3)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 311</td>
<td>Mathematical Concepts for Elementary School Teachers - Number Systems</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 310</td>
<td>Conceptual Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 312</td>
<td>Conceptual Physics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>POLS 301</td>
<td>Introduction to Government: United States (3)</td>
<td>3</td>
</tr>
<tr>
<td>or POLS 481</td>
<td>Introduction to Government: United States – Honors (3)</td>
<td>3</td>
</tr>
<tr>
<td>SPEECH 301</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 300</td>
<td>Introduction to Art (3)</td>
<td>3</td>
</tr>
<tr>
<td>MUFHL 300</td>
<td>Introduction to Music (3)</td>
<td>3</td>
</tr>
<tr>
<td>TA 300</td>
<td>Introduction to the Theatre (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

And a minimum of 3 units from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS 301</td>
<td>Introduction to Global Studies</td>
<td>3</td>
</tr>
<tr>
<td>IS 302</td>
<td>Issues in Global Studies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>A minimum of 15 units from the following:</td>
<td></td>
</tr>
<tr>
<td>CULTURE AND SOCIETY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH 310</td>
<td>Cultural Anthropology (3)</td>
<td></td>
</tr>
<tr>
<td>HIST 308</td>
<td>History of World Civilizations, 1500 to Present (3)</td>
<td></td>
</tr>
<tr>
<td>ECONOMICS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 302</td>
<td>Principles of Macroeconomics (3)</td>
<td></td>
</tr>
<tr>
<td>ECON 304</td>
<td>Principles of Microeconomics (3)</td>
<td></td>
</tr>
<tr>
<td>GEOGRAPHY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 300</td>
<td>Physical Geography: Exploring Earth’s Environmental Systems (3)</td>
<td></td>
</tr>
<tr>
<td>GEOG 310</td>
<td>Human Geography: Exploring Earth’s Cultural Landscapes (3)</td>
<td></td>
</tr>
<tr>
<td>GEOG 320</td>
<td>World Regional Geography (3)</td>
<td></td>
</tr>
<tr>
<td>HUMANITIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEAF 314</td>
<td>American Sign Language III (4)</td>
<td></td>
</tr>
<tr>
<td>DEAF 316</td>
<td>American Sign Language IV (4)</td>
<td></td>
</tr>
<tr>
<td>ENGL 340</td>
<td>World Literature I (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 341</td>
<td>World Literature II (3)</td>
<td></td>
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<tr>
<td>FREN 411</td>
<td>Intermediate French (4)</td>
<td></td>
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<tr>
<td>FREN 412</td>
<td>Intermediate French (4)</td>
<td></td>
</tr>
<tr>
<td>GERM 411</td>
<td>Intermediate German (4)</td>
<td></td>
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<tr>
<td>GERM 412</td>
<td>Intermediate German (4)</td>
<td></td>
</tr>
<tr>
<td>ITAL 411</td>
<td>Intermediate Italian (4)</td>
<td></td>
</tr>
<tr>
<td>ITAL 412</td>
<td>Intermediate Italian (4)</td>
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<tr>
<td>SPAN 411</td>
<td>Intermediate Spanish (4)</td>
<td></td>
</tr>
<tr>
<td>SPAN 412</td>
<td>Intermediate Spanish (4)</td>
<td></td>
</tr>
</tbody>
</table>

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.

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

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

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:

• 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

<table>
<thead>
<tr>
<th>A.A. for Transfer Degree</th>
<th>18 Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJ 300 Introduction to Social Justice Studies</td>
<td>3</td>
</tr>
<tr>
<td>SJ 310 Introduction to LGBTQ Studies</td>
<td>3</td>
</tr>
<tr>
<td>SOC 320 Minorities in America</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum of 9 units from the following:

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

Area 1: History or Government

- HIST 320 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

- ENGL 335 Latino, Mexican-American, and Chicano Literature (3)
- ENGL 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)
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, and 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, LGBTQ Studies. Students interested in transferring to a CSU campus to pursue a bachelor’s degree in an Area of Emphasis “Area of Emphasis” (AOE), which allows for students to transfer into more than one CSU major related to Women, Gender, LGBTQ 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:
- 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 levels of power and privilege impact 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
STS 300  Introduction to Social Justice Studies ................................. 3
STS 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
ENGL T 360  Women in Literature (3)
ENGL T 365  Introduction to Gay, Lesbian, Bisexual and Transgender Literature (3)

Area 3: Social Sciences
ANTH 360  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.
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 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.

FASHN 370  Pattern Adjustment and Clothing Alterations  3 Units  
Prerequisite: FASHN 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.

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 I  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 392  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.

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.