



## American River College

4700 College Oak Drive  
 Sacramento, CA 95841  
 (916) 484-8011  
[www.arc.losrios.edu](http://www.arc.losrios.edu)

## LOS RIOS

COMMUNITY  
 COLLEGE  
 DISTRICT

1919 Spanos Court  
 Sacramento, CA 95825  
 (916) 568-3041  
[www.losrios.edu](http://www.losrios.edu)

### Chancellor

Dr. Brian King

### Board of Trustees

Pamela Haynes  
 Dustin Johnson  
 Robert Jones  
 John Knight  
 Tami Nelson  
 Deborah Ortiz  
 Ruth Scribner

The information in this catalog was accurate as of March 2019 and does not reflect changes that may have occurred since that time. It is the policy of the District to implement policies to guarantee that no qualified student or prospective student or any person having an educational relationship with the District shall be unlawfully discriminated against, harassed, or excluded from any benefits, activities, or programs on the grounds of one or more of the following actual or perceived characteristics, or due to the association with a person or group with one or more of the following actual or perceived characteristics: ethnic group identification, race, color, sex, gender, gender expression, pregnancy or childbirth-related condition, sexual orientation, sexual identity, religion or religious creed, age (over forty), national origin, ancestry, physical or mental disability, medical condition, political affiliation or belief, military and veteran status, marital status, or conversing in a language other than English. However, students shall be required to speak English when the use of English is necessary for educational or communication purposes.

# TABLE OF CONTENTS

President's Welcome.....	iv
ARC Administration .....	v
2019-2020 Academic Calendar .....	1
ARC Class Locations .....	2
Campus Map .....	3
About the College.....	4
Vision, Mission, Commitment and Values.....	4
Institutional Student Learning Outcomes .....	6
Degrees and Certificates .....	7
Department Certificates .....	10

## Getting Started

Admission to College.....	12
Commitment to Success .....	12
Steps to Success.....	12
Prerequisites, Corequisites and Advisories.....	15
Transportation .....	15
Pay Your Fees.....	16
Student Access Card and Universal Transit Pass (UTP) Sticker.....	18
How to Get Refunds.....	19
Financial Aid .....	19
Enrollment / Tuition Fee Schedule .....	22

## Student Resources

Support Services and Programs.....	24
------------------------------------	----

## Educational Progress

Educational Progress.....	34
Admissions Information .....	34
Attendance Requirements.....	35
Academic Standards.....	35
Grades and Credit.....	35
Regulations on Course Repetition & Repeatability .....	38
Academic Probation.....	40
Progress Dismissal .....	40
Academic Honors .....	40
Student Petitions.....	40

## Campus Safety

Campus Safety.....	42
Education and Prevention.....	42-43
Crime Statistics.....	43
Reporting Crimes or Other Emergencies.....	44

## Policies, Rights & Responsibilities

Non-discrimination Policy.....	46
Access to Student Records .....	47
Student Rights & Responsibilities .....	48
Reporting Sexual Assault .....	53
Drugs, Alcohol & Smoking Policies.....	54
Illegal Downloads & File Sharing.....	55
Children on Campus .....	55
Faculty Statement of Professional Ethics.....	56
Classified Staff Statement of Professional Ethics .....	57
Administrator Statement of Professional Ethics .....	57
Timelines for Student Grievance .....	58

## General Education

Graduation .....	60
Course Numbering .....	60
ARC Graduation Requirements.....	61
ARC General Education Requirements .....	62
Description of GE Areas and Alignment with Institutional Student Learning Outcomes .....	63

## Transfer

Transfer to Four-year Institutions .....	68
ARC Associate Degrees for Transfer .....	69
Transfer to the California State University (CSU) .....	70
CSU General Education Pattern.....	71
Transfer to the University of California (UC).....	72
UC and CSU Intersegmental General Education Transfer Curriculum (IGETC) .....	73-74
Transfer Center.....	75
External Examinations.....	75
AP (Advanced Placement) Test Scores .....	76-77
IB (International Baccalaureate) Test Scores .....	78
CLEP (College Level Examination Program) Test Scores .....	79

## Special Academic Programs

Apprenticeship .....	82
Career and Technical Education.....	82
Cooperative Work Experience Education & Internship Programs .....	83
Independent Study.....	85
Los Rios Study Abroad .....	85

# TABLE OF CONTENTS

## Programs of Study

Accounting .....	87	Learning Resource Center .....	396
Administration of Justice .....	91	Legal Studies.....	397
Anthropology.....	94	Library.....	401
Apprenticeship.....	98	Management.....	402
Art .....	120	Marketing.....	407
Art New Media.....	132	Mathematics & Statistics.....	411
ASL-English Interpreter Preparation.....	142	Music.....	420
Astronomy .....	147	Natural Resources.....	434
Automotive Collision Technology.....	149	Nursing & Allied Health .....	442
Automotive Technology.....	153	Nutrition & Foods.....	450
Biology & Biotechnology.....	162	Paramedic .....	454
Business .....	169	Philosophy .....	459
Business Technology.....	177	Physical Education (see Kinesiology & Athletics) .....	379
Chemistry.....	182	Physical Science & Physics.....	462
Community Services Education .....	185	Political Science .....	465
Computer Information Science.....	188	Psychology .....	468
Dance .....	207	Public Safety.....	474
Deaf Culture & ASL Studies .....	216	Real Estate.....	488
Design & Engineering Technology.....	219	Recreation.....	490
Diesel/Clean Diesel Technology .....	223	Respiratory Care.....	491
Early Childhood Education .....	227	Science - General .....	494
Economics .....	239	Sign Language Studies	
Electronics Technology.....	241	(see ASL-English Interpreter Preparation).....	142
Emergency Medical Technician (EMT) (see Paramedic) ...	454	(see Deaf Culture & ASL Studies) .....	216
Energy .....	250	Social Justice Studies (see Sociology) .....	497
Engineering .....	253	Social Science.....	496
English.....	255	Sociology .....	497
English as a Second Language .....	269	Speech Communication.....	501
Fashion .....	275	Speech/Language Pathology .....	503
Fire Technology .....	282	Teacher Education .....	505
Foreign Languages.....	303	Theatre Arts.....	506
Funeral Service Education .....	308	Welding Technology.....	523
Geography & GIS.....	312	Work Experience.....	528
Geology .....	319		
Gerontology.....	322		
Health Education.....	335		
Healthcare Interpreting .....	336		
History.....	338		
Homeland Security.....	343		
Honors.....	344		
Horticulture.....	345		
Hospitality Management .....	351		
Human Career Development.....	356		
Human Lactation .....	358		
Human Services.....	361		
Humanities.....	364		
Interdisciplinary Studies .....	366		
Interior Design.....	369		
International Studies.....	374		
Journalism .....	376		
Kinesiology & Athletics.....	379		

## Administration and Faculty

List of Administrators.....	533
List of Faculty.....	533

## Catalog Index

Index.....	545
------------	-----

Thank you to the numerous individuals around campus whose efforts made this catalog happen.

**Catalog contributors (in alpha order):** Clint Allison, Kayla Anaya, Leah Arambel, Corinne Arrieta, Araceli Badilla, Cecilia Baldwin, Aaron Bradford, Cynthia Bredek-Coyne, Scott Crow, Chris Day, Lydia Delgado, Tera Diggs-Reynolds, Lynn Fowler, Chad Funk, Robin Gallowglas, Parrish Geary, Martin Gomez, Krista Hess, Breanne Holland, Kate Jaques, Joshua Moon Johnson, Michael Keefe, Joan Kudin, Jerome Lahey, Chihiro Machiya, Judy Mays, Kevyn Montano, Reyna Moore, Jessica Nelson, Kolleen Ostgaard, Olga Prizhbilov, Isolina San Juan, Brett Sawyer, Regena Tiner, Amelia Tuifua, Koue Vang, Cynthia Youngs, and Linda Zarzana.

## President's Welcome



### *Welcome to American River College*

It is my great honor to offer an official and friendly welcome to you on behalf of American River College! I wanted to start by sharing ARC's new vision, mission, and commitment to social justice – they are an integral part of all we do.

#### **Our Vision**

Transform the future of all students and our community through inclusive, equitable education.

#### **Our Mission**

American River College places students first in providing an academically rich, inclusive environment that inspires critical thinking, learning and achievement, and responsible participation in the community. American River College, serving the greater Sacramento region, offers education and support for students to strengthen basic skills, earn associate degrees and certificates, transfer to other colleges and universities, and achieve career as well as other academic and personal goals.

#### **Our Commitment to Social Justice and Equity**

American River College strives to uphold the dignity and humanity of every student and employee. We are committed to equity and social justice through equity-minded education, transformative leadership, and community engagement. We believe this commitment is essential to achieving our mission and enhancing our community.

We want all students to feel welcome at American River College. No matter what your career, academic, and personal goals happen to be, we want you to be a part of our community.

This college catalog is a resource for you as an ARC student. You will find key information about:

- Academic programs, including our associate degrees and certificates
- Support services, all designed to help you succeed
- Your rights and responsibilities as a student

Please keep in mind that policies and regulations are subject to change. Many of these changes are dictated by the State of California or federal agencies. This catalog captures the latest information as of March 2019, but changes happen on a regular basis. For updated information, be sure to visit the college website at [www.arc.losrios.edu](http://www.arc.losrios.edu).

If there are significant changes – such as new programs or important regulations – American River College will publish a catalog addendum. If addenda are published, they will typically appear in June and November. Please visit our website to see if an addendum has been published for this catalog.

I wish you nothing but success in your future journeys. Thank you!

*Thomas G. Greene*

President, American River College

# ARC Administration

## Vice Presidents

Administrative Services.....	Kuldeep Kaur
Instruction .....	Dr. Lisa Lawrenson
Student Services.....	Dr. Jeffrey Stephenson

## Associate Vice Presidents

Instruction & Curriculum .....	Kate Jaques
Instruction & Learning Resources .....	Dr. Kale Braden
Student Services.....	Chad Funk
Workforce Development .....	Dr. Frank Kobayashi

## Deans

Admissions & Transition Services .....	Parrish Geary
Behavioral & Social Sciences .....	Dr. Steven Boyd
Business & Computer Science .....	Kirsten Corbin
Career Education & Workforce Development .....	Raquel Arata
Counseling & Transfer Services .....	Sonia Ortiz-Mercado
Distance Education, Virtual Education Center.....	Marsha Reske
English .....	Douglas Herndon
Equity Programs & Pathways .....	Dr. Joshua Moon Johnson
Fine & Applied Arts .....	Angela Milano
Health & Education.....	Jan DeLapp
Humanities.....	Diana Hicks
Kinesiology & Athletics .....	Dr. Derrick Booth
Mathematics.....	Gary Hartley (Interim)
McClellan/Public Safety Center.....	Steven Segura
Natomas Education Center .....	Dr. Roger A. Davidson
Planning, Research & Technology .....	Dr. Adam Karp
Science and Engineering.....	Dr. Rina Roy
Support Programs.....	Kolleen Ostgaard
Technical Education .....	Dr. Trish Caldwell

## Other Administrative Staff

Administrative Services Director .....	Cheryl Sears
American Apprenticeship Initiative Grant Project Director.....	Cynthia Sommer
Bookstore Manager.....	TBA
CA Apprenticeship Initiative Grant Director .....	Josef Preciado
Director of Donor Relations.....	Kirsten DuBray
Communication & Public Information Officer .....	Scott Crow
Nursing Program Director.....	Mary Ellen Kraft (Interim)
TRIO (SSS) Grant Programs Director.....	Tanya Anderson
TRIO, Educational Talent Search Project Director .....	Diana Garcia
TRIO, Upward Bound Program Director.....	Maricela Juarez



# 2019-20 Academic Calendar

## Summer Session 2019

Summer Classes Begin (1st 4-weeks, 1st 6-weeks, and 1st 8-weeks)	June 10
Independence Day Holiday (No Classes, Offices Closed)	July 4
End of Summer Session	August 8
Summer Grades Available Online (Grades will not be mailed)	August 12

## Fall Semester 2019

Fall Classes Begin (Full Semester, 1st 5-weeks and 1st 8-weeks)	August 24
Saturday and Sunday Classes Begin	August 24, 25
Labor Day Holiday (No Classes, Offices Closed)	September 2
Veterans Day Holiday (No Classes, Offices Closed)	November 11
Last Day to Drop Full Semester Classes	November 19
Thanksgiving Recess (No Classes, Offices Closed)	November 28-December 1
Finals	December 13-19
End of Fall Semester	December 19
Winter Recess	December 20, 2019-January 1, 2020
Fall Grades Available Online (Grades will not be mailed)	1st week of January

## Spring Semester 2020

Spring Classes Begin (Full Semester, 1st 5-weeks and 1st 8-weeks)	January 18
Saturday and Sunday Classes Begin	January 18, 19
Holiday - Dr. Martin Luther King, Jr. Day (No Classes, Offices Closed)	January 20
Presidents Day Holidays (No Classes, Offices Closed)	February 14 & 17
Spring Recess (No Classes)	April 6-12
Last Day to Drop Full Semester Classes	April 19
Finals	May 14-20
End of Spring Semester (Commencement)	May 20
Memorial Day Holiday (No Classes, Offices Closed)	May 25
Spring Grades Available Online (Grades will not be mailed)	Last week of May

**Note:** Online (eServices) enrollment is available every day, including holidays, 7:00 a.m. to 11:30 p.m. for registration and adding/dropping classes, except when down due to maintenance.



In addition to the college’s main campus, college-credit classes are taught at several off-campus locations in the northern and northeastern areas of Sacramento County. Classes at the Mather, McClellan, and Natomas Centers offer the same credit as those taught on the main campus, and students can complete most degree requirements as well. Some centers also offer counseling, assessment, and other services. Updated maps can be found online at [www.arc.losrios.edu](http://www.arc.losrios.edu)

**Main Campus**

4700 College Oak Drive, Sacramento, CA 95814  
**(916) 484-8011**



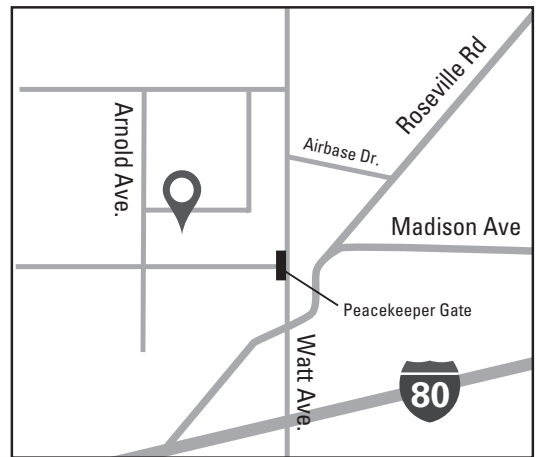
**Natomas Education Center**

2421 Del Paso Road, Sacramento, CA 95835  
**(916) 485-6000**



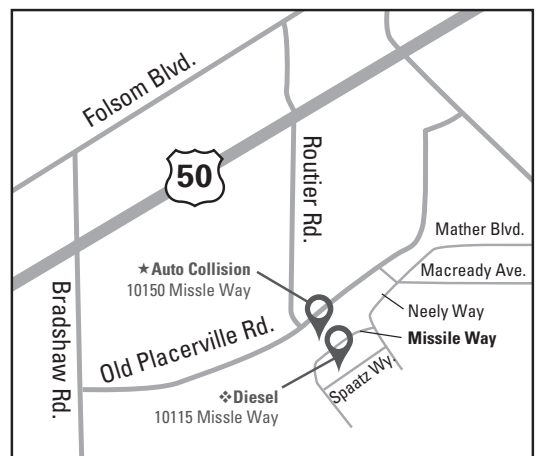
**McClellan Center & Sacramento Regional Public Safety Training Center**

5146 Arnold Avenue, Bldg. 8, McClellan, CA 95652  
**(916) 570-5000**



**Mather Center**

10150 Missile Way, Mather, CA 95655  
 ★ Auto Collision: **(916) 255-0480**  
 ❖ Diesel Technology: **(916) 484-8354**

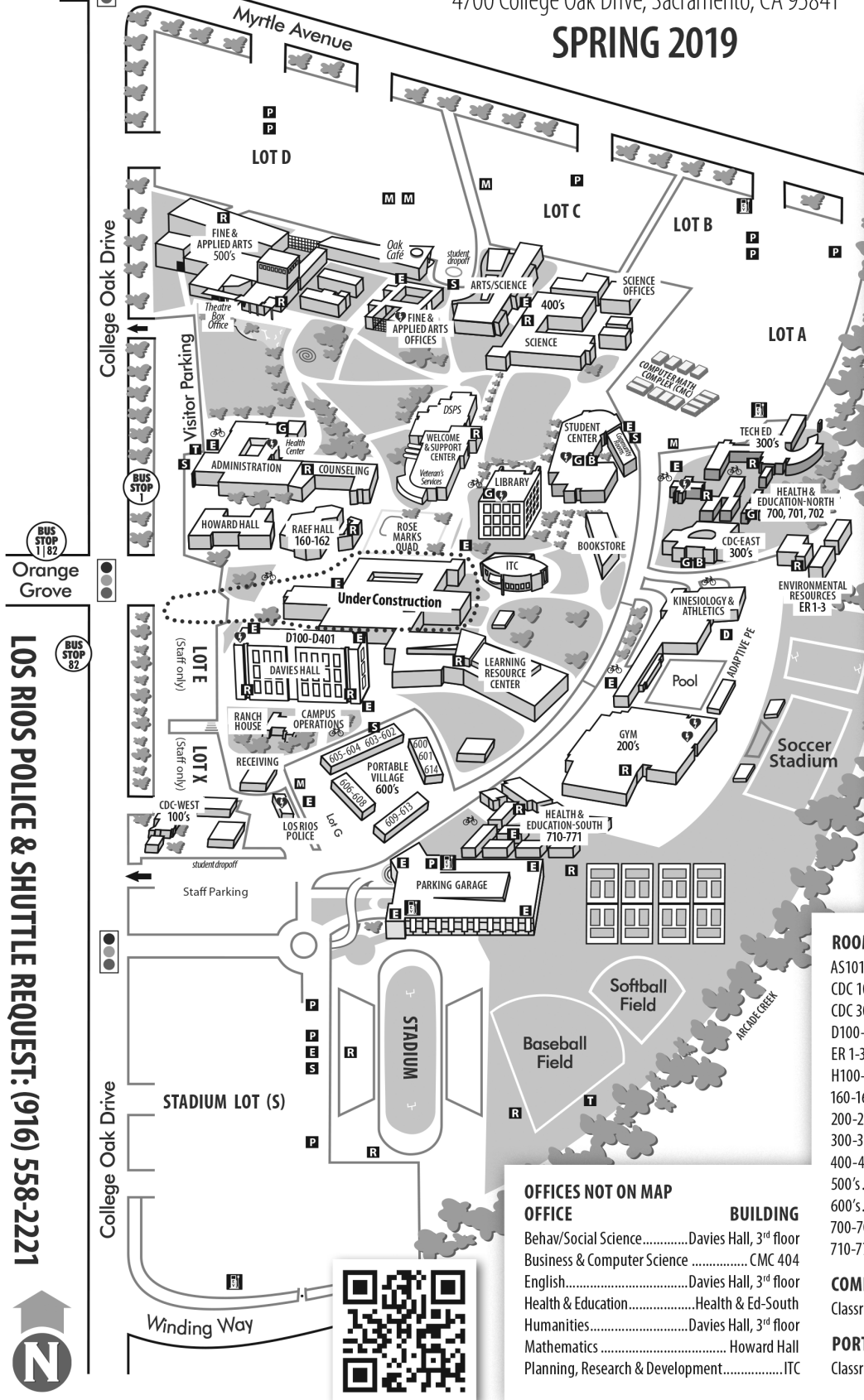




# AMERICAN RIVER COLLEGE

4700 College Oak Drive, Sacramento, CA 95841

SPRING 2019



Orange Grove

LOS RIOS POLICE & SHUTTLE REQUEST: (916) 558-2221



- P** = Daily parking permit
- T** = Public telephones
- E** = Emergency telephones
- R** = Public restrooms
- G** = All gender/family restrooms
- D** = Paratransit loading zone
- S** = Free campus shuttle
- = Bike rack and/or locker
- = Auto/external defibrillator
- = eVehicle Charging Station
- M** = Motorcycle Parking
- B** = Baby Changing Station

- ADMINISTRATION BUILDING**
- Admissions & Transitions Services
  - Business Services
  - Counseling & Transfer Center
  - Health Center

- WELCOME & SUPPORT CENTER**
- Assessment Center
  - CalWORKS
  - Career & Pathways Support Services
  - Connect Center
  - DSPS (north side of building)
  - EOP&S including CARE & Next Up
  - Financial Aid (Office & Lab)
  - Veterans Resource Center

- STUDENT CENTER**
- Board Room
  - Center for Leadership & Development
  - Community Rooms 1-4
  - The Hub

- FINE & APPLIED ARTS**
- Oak Café

ROOM	BUILDING
AS101-AS112.....	Arts & Science
CDC 100's.....	Health & Education (west)
CDC 300's.....	Child Dev. Ctr. (east)
D100-D401.....	Davies Hall
ER 1-3.....	Environmental Resources
H100-H171.....	Howard Hall
160-162.....	Raef Hall
200-289.....	Kinesiology & Athletics (PE)
300-399.....	Tech Ed
400-499.....	CMC & Science
500's.....	Fine & Applied Arts
600's.....	Portable Village
700-702.....	Health & Education (north)
710-771.....	Health & Education (south)

COMPUTER MATH COMPLEX (CMC)	PORTABLE VILLAGE KEY (600'S)
Classrooms.....	400-412
Classrooms.....	600/601/603A/606/609-613

**OFFICES NOT ON MAP**

OFFICE	BUILDING
Behav/Social Science.....	Davies Hall, 3 <sup>rd</sup> floor
Business & Computer Science.....	CMC 404
English.....	Davies Hall, 3 <sup>rd</sup> floor
Health & Education.....	Health & Ed-South
Humanities.....	Davies Hall, 3 <sup>rd</sup> floor
Mathematics.....	Howard Hall
Planning, Research & Development.....	ITC

MAP REVISED: JANUARY 23, 2018

## About the College

### Who We Are

Founded in 1955, American River College is a public community college that offers students the option of working toward a degree, certificate or transfer to a university or other institution. American River College is part of the Los Rios Community College District, one of the nation's most respected learning institutions and the second-largest community college district in California.

American River College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges [10 Commercial Boulevard, Suite 204, Novato, CA 94949, (415) 506-0234], an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

It is the policy of the District to implement policies to guarantee that no qualified student or prospective student or any person having an educational relationship with the District shall be unlawfully discriminated against, harassed, or excluded from any benefits, activities, or programs on the grounds of one or more of the following actual or perceived characteristics, or due to the association with a person or group with one or more of the following actual or perceived characteristics: ethnic group identification, race, color, sex, gender, gender identity, gender expression, pregnancy or childbirth-related condition, sexual orientation, sexual identity, religion or religious creed, age (over forty), national origin, ancestry, physical or mental disability, medical condition, political affiliation or belief, military and veteran status, marital status, or conversing in a language other than English. However, students shall be required to speak English when the use of English is necessary for educational or communication purposes.

### History

American River College opened its doors as California's 61st public junior college in 1955. Its history, however, dates back to February 28, 1942, when Grant Union Junior College was established in Del Paso Heights to train civilian personnel for national service during World War II. In 1945 the name was changed to Grant Technical College.

In June 1954, voters agreed to the establishment of a new junior college district, followed by the approval of a \$3 million bond issue in November of that year. Grant Technical College ceased operation after 13 years and American River Junior College was born in the fall of 1955. For the first three years, classes were offered at the former Grant Technical College campus. However, soon after its first semester of classes had begun, the college purchased a 153-acre site known as the Cameron Ranch on which to construct a permanent campus.

By October of 1958, when official dedication ceremonies were held, eight new building complexes had been erected among the magnificent oaks native to the area. Since that dedication the stately oak has been adopted as the official college symbol (including the campus seal).

In 1965 the college became a part of the Los Rios Community College District and became American River College. Today, along with Sacramento City College, Cosumnes River College, and Folsom Lake College, ARC is directed by a board of trustees elected by voters residing in the district.

Campus facilities development in the 1960s included Davies Hall, a three-story classroom and faculty office building, and facilities for chemistry, physics, engineering, women's physical education, and technical education studies. The campus grew rapidly in the 1970s, including a three-story library, a horticulture complex, a child care center and counseling center.

The 1980s marked the completion of the Rose Marks open-air pavilion and a new bookstore (remodeled in the 1990s). Improvements since then include major remodeling of laboratories, a new larger child care center, and new facilities for Disabled Student Programs & Services, and instructional technology. In 2002, voters approved a multimillion bond measure that funded new construction and renovation of classrooms and laboratories, the Learning Resource Center, Health & Education area, Kinesiology & Athletics area, Performing Arts, and the Natomas Educational Center. Another bond measure was passed in 2008, providing funds for the renovation and expansion of the Library and construction of a new Student Center (completed in 2013), as well as other projects in the near future.

With approximately 30,000 students, ARC is among the largest community colleges in the state. Looked upon as a leader in innovative programs and services, ARC transfers many students to UC Davis and CSU Sacramento. Today, more than five decades after its founding, American River College continues its leadership role in higher education, as set down in its statement of vision, philosophy and mission.

## Vision, Mission, Commitment and Values

### Our Vision

Transform the future of all students and our community through inclusive, equitable education.

### Our Mission

American River College places students first in providing an academically rich, inclusive environment that inspires critical thinking, learning and achievement, and responsible participation in the community.

American River College, serving the greater Sacramento region, offers education and support for students to strengthen basic skills, earn associate degrees and certificates, transfer to other colleges and universities, and achieve career as well as other academic and personal goals.

**Our Commitment to Social Justice and Equity**

American River College strives to uphold the dignity and humanity of every student and employee. We are committed to equity and social justice through equity-minded education, transformative leadership, and community engagement. We believe this commitment is essential to achieving our mission and enhancing our community.

**Our Values** *(listed in alphabetical order)*

*Access*

Students are the reason we are here, and their education is our primary responsibility. We recognize that residents of the region should have an opportunity to enroll and be successful in college.

*Benefit of Education*

Individuals who have the opportunities to (1) develop their abilities, (2) engage in critical and creative thinking, (3) participate in lifelong learning, (4) succeed in a competitive global work environment, and (5) exhibit responsible citizenship benefit society as well as themselves.

*Communication*

Achieving the ARC mission and vision requires effective communication within the college and with the communities served by the college; civil and honest, this communication should promote mutual respect and trust.

*Community Development*

The college’s curriculum in the arts, humanities, sciences, social sciences, mathematics and career and technical education and the college’s co-curricular programs and support services benefit the community by promoting cognitive development, intellectual growth, physical well-being, student volunteerism, and economic progress.

*Diversity*

Because ARC is a community valuing the varied perspectives and experiences of students, faculty and staff, the college offers educational opportunities for enhancing cultural awareness, supporting diversity, and promoting the free exchange of ideas and the development of a culturally competent and inclusive college community.

*Employees*

As our most valued resource, faculty and staff members are entitled to a safe, secure and supportive work environment and a culture that recognizes excellence, encourages meaningful involvement in interest-based, decision-making process; and provides opportunities for professional development, service and leadership.

*Excellence*

Excellence is essential for accomplishing ARC’s mission to help students identify their educational goals and achieve successful learning and for supporting the college’s employees and serving ARC’s community and region.

*Fiscal Responsibility*

Observing fiscally sound, efficient, transparent, and accountable practices is essential to achieving our mission.

*Innovation and Risk Taking*

Creativity, flexibility and responsible risk-taking support achievement of the college’s mission.

*Leadership*

Responsible leadership and service by faculty, staff and students is actively cultivated so the college can achieve improvement in student learning and support positive contributions to the community.

*Research and Evaluation*

Ongoing, data-based research and evaluation contribute to achieving student learning outcomes and the assurance that all operations support the vision, mission and values of the college.

*Student Learning Outcomes*

Student success results from identifying, assessing and improving student learning outcomes and allocating resources that support effective, innovative, and flexible learning opportunities.

*Sustainability*

Recognizing its leadership role in the stewardship of natural resources, ARC is committed to reducing its negative impact on the environment.

*Technology*

Responsible and effective use of technology supports the college’s mission and helps students develop the skills necessary for being successful in the contemporary environment.

## Institutional Student Learning Outcomes

Upon achievement of their intended educational goal (degree, certificate, or set of courses) at American River College, students will be able to:

- Demonstrate personal and professional readiness for career and/or academic advancement.
- Demonstrate skills and behaviors which contribute to inclusive and respectful communication of diverse ideas and beliefs.
- Utilize a variety of methods to communicate effectively.
- Work cooperatively and effectively with others.
- Use various technologies to collect information and solve problems.
- Critically evaluate information to develop informed perspectives on a variety of issues, problems, and challenges.
- Contribute to society using personal knowledge, resources, and skills.
- For students earning degrees, demonstrate an understanding of basic content and methodology for the major areas of knowledge: arts and humanities, mathematics, natural sciences, and social sciences.

## Off-Campus Centers

In addition to its main campus on College Oak Drive, American River College also has centers in Mather, McClellan, and Natomas.

The **Mather Center** houses the college's Diesel Technology and Automotive Collision Technology programs.

The **McClellan Center** offers a variety of general education classes in addition to counseling and financial aid services for students. The McClellan Center also includes the Sacramento Regional Public Safety Training Center, which provides high-quality training and educational programs for public safety personnel. The center offers entry-level and advanced, in-service instruction in areas that meet the needs of individuals as well as public and private agencies.

The **Natomas Center** offers many general education and transfer courses. The center also offers counseling and financial aid services for students, as well as the Math Multimedia Learning Center (MMLC) and Reading Across the Disciplines (RAD) and Writing Across the Curriculum (WAC) programs. In addition, the Natomas Center is home to Accelerated College Education (ACE), a program designed for working students. The center also has partnerships with nearby Inderkum High School and the Sacramento Public Library's North Natomas branch.

## Degrees and Certificates

Students come to American River College to pursue many different educational goals. American River College offers associate degrees, certificates, and/or transfer to a four-year institution.

### Associate Degree Programs

American River College offers Associate in Arts (A.A.), Associate in Science (A.S.), Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. Students receiving an A.A. or A.S. degree must complete all of the required courses for a major (from 18 to approximately 30 plus units), meet competency requirements, fulfill general education requirements, and complete sufficient electives to meet a minimum of 60 degree applicable units. Students receiving an AA-T or AS-T degree must complete all of the required courses for a major (earning a “C” or better in these courses), complete either the CSU General Education Certification pattern or the Intersegmental General Education Transfer Curriculum (CSU option), and 60 CSU transferable units. At least 12 of the 60 units must be earned at American River College. All students wishing to obtain a degree from American River College need to petition early in their last semester for graduation.

### Certificates of Achievement

The Certificate of Achievement certifies that a student has completed all required courses for a major and is prepared to enter the career designated on their certificate. Certificate programs have been developed with the assistance of business and industrial advisory committees to provide vocational training for students who are not necessarily seeking a college degree. A grade of “C” or better is required for each course leading to a Certificate of Achievement. A minimum of 12 units must be completed at American River College. Students wishing to obtain a Certificate of Achievement from American River College need to obtain a Petition for Certificate from the Counseling office and submit it to Enrollment Services by the deadlines noted on the college’s website at [arc.losrios.edu](http://arc.losrios.edu).

As required by federal law, American River College provides gainful employment disclosure information for eligible certificate programs. Go to the specific certificate programs to find out how to access gainful employment disclosure information.

#### Accounting

Degree: A.A. - Accounting

Certificates: Accounting  
Accounting Clerk  
Taxation

#### Administration of Justice

Degrees: A.S. - Administration of Justice  
A.S. for Transfer - Administration  
of Justice

#### Anthropology

Degree: A.S. - Anthropology  
A.A. for Transfer - Anthropology

#### Apprenticeship

Degrees: A.A. - Carpenter Apprenticeship  
A.A. - Drywall/Lathing  
Apprenticeship  
A.A. - Electrical Apprenticeship  
A.A. - Ironworkers Apprenticeship  
A.A. - Sheet Metal Apprenticeship  
A.A. - Sheet Metal Service  
Technician Apprenticeship

Certificates: Carpenters Apprenticeship  
Drywall/Lathing Apprenticeship  
Electrical Apprenticeship  
Ironworker Apprenticeship  
Pre-Apprenticeship  
Residential/Commercial  
Electrician Trainee  
Sheet Metal Apprenticeship  
Sheet Metal Residential  
Sheet Metal Service Technician  
Apprenticeship

#### Art

Degrees: A.A. - Art  
A.A. for Transfer - Art History  
A.A. for Transfer - Studio Art

Certificate: Freelance Photography  
Gallery Management

#### Art New Media

Degrees: A.A. - Art New Media  
A.A. - Technical Communications

Certificates: ARTNM: Character Design  
ARTNM: Commercial Illustration  
Illustration  
3D Animation  
3D Modeling and Texturing  
3D Rigging Technical Director  
3D Technical Director  
Graphic Design: Intern Artist  
Graphic Design: Junior Artist  
Graphic Design: Production Artist  
Web Design  
Technical Communications

#### ASL- English Interpreter Preparation

Degree: A.A. - ASL-English Interpreter  
Preparation Program

Certificate: ASL-English Interpreter  
Preparation Program

#### Automotive Collision Technology

Degree: A.S. - Automotive Collision Technology

Certificate: Automotive Collision Technology  
Automotive Claims Estimator

#### Automotive Technology

Degrees: 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 Service Technician  
Automotive Technology  
Extreme Tuner  
Parts and Service  
Transmission Service  
Undercar Service

#### Biology & Biotechnology

Degrees: A.S. - Biotechnology  
A.S. - General Science  
A.S. for Transfer - Biology

Certificate: Biotechnology

#### Business

Degrees: A.S. for Transfer - Business  
Administration  
A.A. - General Business  
A.A. - Small Business Management  
A.A. - Technical Communications

*continued on next page*

## Degrees and Certificates

### *(Business continued)*

Certificates: Business General Business  
Computer Applications for Small  
Cross-Cultural Conflict Resolution  
Entrepreneurship  
General Business - Introduction  
Internet Marketing  
Small Business Management  
Technical Communications

### **Business Technology**

Degrees: A.A. - Administrative Professional  
A.A. - Virtual Administrative  
Professional

Certificates: Business Information Worker  
Law Office Clerical Assistant  
Office Technology  
Virtual Office Professional

### **Chemistry**

Degree: A.S. - General Science

### **Computer Information Science**

Degrees: A.S. - Computer Science  
A.S. - CIS: Computer Networking  
Management  
A.S. - CIS: Computer Programming  
A.S. - CIS: Database Management  
A.A. - CIS: Microcomputer  
Applications  
A.S. - CIS: PC Support Management  
A.S. - Information Systems Security  
A.A. - Technical Communications

Certificates: CIS: Computer Networking  
Management  
CIS: Computer Programming  
CIS: Database Management  
CIS: Microcomputer Applications  
CIS: PC Support  
Computer Information Security  
Essentials  
Information Systems Security  
Internet Marketing  
Mobile Programming  
Network Administration  
Essentials-Windows  
Technical Communications  
Web Developer  
Web Publishing

### **Dance**

Degree: A.A. - Dance

### **Deaf Culture & ASL Studies**

Degree: A.A. - Deaf Culture & American  
Sign Language Studies

Certificate: Deaf Culture & American Sign  
Language Studies

### **Design & Engineering Technology**

Degrees: A.A. - Design Technology  
A.S. - Engineering Technology

Certificates: Design Technology  
Engineering Technology

### **Diesel/Clean Diesel Technology**

Degree: A.S. - Diesel Technology

Certificates: Clean Diesel Hybrid Technology  
Clean Diesel Management Systems  
Clean Diesel Technology  
Diesel Technology  
Preventive Maintenance

### **Early Childhood Education**

Degrees: A.A. - Early Childhood Education  
A.A. for Transfer - Early Childhood  
Education

Certificates: Associate Teacher  
Culture and Diversity Specialist  
Curriculum Specialist  
Infant Specialist  
Management Specialist  
Master Teacher  
School Age  
Site Supervisor  
Special Needs Specialist  
Teacher

### **Economics**

Degree: A.A. for Transfer - Economics

### **Electronics Technology**

Degrees: A.S. - Electronic Systems Technology  
A.S. - Mechatronics

Certificates: Advanced Electronics and  
Telecommunications  
Biomedical Equipment Technology  
Digital Home Technology Integration  
Digital Repair & Upgrade Technician  
Electronic Systems Technology  
Fiber Optics  
Mechatronics  
Robotics  
Telecommunication Specialist

### **Energy**

Certificates: Solar Energy Systems Design,  
Estimation, and Sales  
Solar Energy Technology

### **Engineering**

Degrees: A.S. - Civil Engineering  
A.S. - Electrical Engineering  
A.S. - Mechanical Engineering

### **English**

Degrees: A.A. for Transfer - English  
A.A. for Transfer - Elementary  
Teacher Education  
A.A. - English Communication  
& Literature

### **English as a Second Language**

Certificates: Advanced Proficiency in ESL  
Advanced-High Proficiency in ESL

### **Fashion**

Degrees: A.A. - Fashion Design  
A.A. - Fashion Merchandising

Certificates: Fashion Design  
Fashion Merchandising

### **Fire Technology**

Degree: A.A. - Fire Technology

Certificates: Fire Technology  
Firefighter Recruit Academy

### **Foreign Languages**

Degree: A.A. - Language Studies  
A.A. for Transfer - Spanish

### **Funeral Service Education**

Degree: A.S. - Funeral Service Education

### **Geography/GIS**

Degrees: A.S. - Geography  
A.A. for Transfer - Geography  
A.S. - Geographic Information  
Systems (GIS)  
A.S. - General Science

Certificate: Geographic Information  
Systems (GIS)

### **Geology**

Degrees: A.S. for Transfer - Geology  
A.S. - General Science

### **Gerontology**

A.A. Gerontology Degree and Certificate concentrations:  
Business  
Case Management/Social Services  
Environmental Design  
Health Care  
Recreation  
Social Policy/Advocacy

### **Healthcare Interpreting**

Certificate: Healthcare Interpreting

### **History**

Degree: A.A. for Transfer - History

### **Honors**

Certificate: Honors Transfer

### **Horticulture**

Degrees: A.S. - Horticulture  
A.S. - Landscape Design Technology

Certificates: Horticulture  
Landscape Design Technology

### **Hospitality Management**

Degree: A.A. - Culinary Arts/Restaurant  
Management

Certificates: Culinary Arts/Restaurant  
Management  
Restaurant Management  
Baking and Pastry

## Degrees and Certificates

### Human Services

Degrees: A.A. – Human Services  
A.A. – Chemical Dependency Studies

Certificates: Human Services  
Chemical Dependency Studies

### Interdisciplinary Studies

Degrees: A.A. – English Communication  
and Literature  
A.A. – History of Creative Arts  
A.A. – The Individual and Society

Certificates: CSU General Education  
Honors Transfer  
Intersegmental General Education  
Transfer (IGETC)

### International Studies

Degree: A.A. for Transfer – Global Studies #  
A.A. International Studies

### Interior Design

Degree: A.A. – Interior Planning & Design

Certificates: Para Professional Interior Planning  
and Design

### Journalism

Degrees: A.A. – Journalism and Mass  
Communication  
A.A. for Transfer – Journalism and  
Mass Communication

### Kinesiology and Athletics

Degrees: A.A. for Transfer – Kinesiology  
A.S. Physical Education  
A.S. Sports Medicine

Certificate: Fitness Specialist

### Legal Studies

Degree: A.A. – Paralegal Studies

Certificates: Law Office Clerical Assistant  
Paralegal Studies

### Management

Degrees: A.A. – Management  
A.A. – Leadership

Certificates: Conflict Management  
Introduction to Leadership in Action  
Management  
Leadership  
Project Management

### Marketing

Degrees: A.A. – Advertising & Sales Promotion  
A.A. – Marketing  
A.A. – Retail Management

Certificate: Marketing – Introduction  
Retail Management (WAFC)

### Mathematics & Statistics

Degrees: A.S. – Mathematics  
A.S. for Transfer – Mathematics  
A.S. – Physical Science/Mathematics

### Music

Degrees: A.A. – Music  
A.A. for Transfer – Music  
A.A. – Commercial Music: Business  
A.A. – Commercial Music: Recording  
A.A. – Jazz Studies

Certificates: Commercial Music: Business  
Commercial Music: Recording  
Digital Audio Production  
Music Management and Promotion

### Natural Resources

Degree: A.S. – Environmental Conservation  
A.S. – General Science

Certificate: Environmental Conservation

### Nursing & Allied Health

Degrees: A.S. – LVN to RN Career Mobility  
A.S. – Registered Nursing

Certificates: Licensed Vocational Nurse (LVN) –  
30-unit option

### Nutrition & Foods

Degree: A.S. for Transfer – Nutrition and Dietetics  
Certificate: Dietary Manager/Dietary Service  
Supervisor

### Paramedic

Degree: A.S. – Paramedic

Certificate: Paramedic

### Philosophy

Degrees: A.A. for Transfer – Philosophy

### Physical Education (see Kinesiology)

### Physical Science & Physics

Degrees: A.S. – Physical Science/Mathematics  
A.S. for Transfer – Physics  
A.S. – General Science

### Political Science

Degree: A.A. – Political Science  
A.A. for Transfer – Political Science

### Psychology

Degrees: A.A. – Psychology  
A.A. for Transfer – Psychology

### Public Safety

Certificates: POST Basic Law Enforcement  
Academy – Modular Format  
Other Offerings:  
Law Enforcement In-Service  
POST and STC Certified Courses  
for Perishable Skills  
POST and STC Certified Instructors  
Courses  
STC Certified Core Courses  
Traffic Accident Investigations Series

### Real Estate

Degree: A.A. – Real Estate  
Certificate: Real Estate

### Recreation

Degree: A.A. – Recreation

### Respiratory Care

Degree: A.S. – Respiratory Care

### Science - General

Degree: A.S. – General Science

### Sign Language Studies

(see *Deaf Culture & ASL Studies*)

(see *ASL-English Interpreter*)

### Preparation)

### Social Justice Studies

Degree: A.A. for Transfer – Social Justice Studies:  
Race and Ethnicity #  
A.A. for Transfer – Social Justice Studies:  
Women, Gender, and LGBTQ Studies #

### Social Science

Degrees: A.A. – Social Science

### Sociology

Degree: A.A. for Transfer – Sociology

### Speech Communication

Degree: A.A. for Transfer – Communication  
Studies

### Speech/Language Pathology

Degree: A.S. – Speech – Language Pathology  
Assistant

### Student Government

Certificate: Leadership Development

### Teacher Education

Degree: A.A. for Transfer – Elementary  
Teacher Education

### Theatre Arts

Degrees: A.A. – Theatre Arts: Acting  
A.A. – Theatre Arts: Technical  
Production  
A.A. for Transfer – Theatre Arts  
A.A. Film

Certificates: Acting  
Children's Theatre  
Costuming  
Film

### Welding Technology

Degree: A.S. – Welding Technology  
Certificates: Welding Technology  
Welding Metallurgy and Inspection

*	GE Pattern: IGETC for STEM only – see a Counselor
**	GE Pattern: IGETC only – see a Counselor
***	GE Pattern: Included in degree – see a Counselor
#	Pending – See a Counselor

## Department Certificates

Department Certificates are intended to certify that students completing all required courses of a major are prepared to meet specific occupational needs, upgrade skills or for advancement in an existing career. A grade of “C” or better is required in each course leading to the Department Certificate. The certificate requires completion of all courses listed in the required program of the student. Department Certificates require 15.99 units or less.

For certificates in Level 1 and 2, all units must be completed at American River College. For all certificates in Level 3, 12 units must be completed at American River College.

**Level 1:** 1-6 units

**Level 2:** 7 units

**Level 3:** 8-15.99 units

CERTIFICATE	LEVEL	CERTIFICATE	LEVEL	CERTIFICATE	LEVEL
<b>Apprenticeship</b>		<b>Fire Technology</b>		<b>Music</b>	
Green Technology Pre-Apprenticeship	2	Fire Investigation 1A	1	Music Instructional Assistant	3
Infrastructure Pre-Apprenticeship	2	Fire Investigation 1B	1	Studio Jazz/Pop Voice Instructor	3
Utilities Worker Pre-Apprenticeship	2	Fire Investigation 2A	1	Studio Music Instructor	3
<b>Art</b>		Fire Investigation 2B	1	Studio Voice Instructor	3
Sculpture	3	<b>Gerontology</b>		<b>Natural Resources</b>	
<b>Art New Media</b>		Activity Leader Certification	2	Environmental Conservation Technician:	
Foundation	3	Dementia Care	1	Conservation/Restoration	3
<b>Automotive Technology</b>		Elder Care	1	Fisheries	3
Automotive Brakes	3	Ethnicity and Aging	1	Forest/Rangeland	3
Automotive Suspension and Steering	3	Leadership in Assisted Living Communities	1	Sustainability	3
Small Engines	3	Senior Fitness	3	Vegetation	3
<b>Automotive Collision Technology</b>		Social Service Designee	1	Water Resources	3
Automotive Claims Estimator	3	<b>Homeland Security</b>		Wildlife	3
Automotive Collision Technology – Non-Structural	3	Homeland Security	2	<b>Nursing</b>	
Automotive Collision Technology – Refinish	3	<b>Horticulture</b>		Certified Nurse Assistant	1
Automotive Collision Technology – Structural	3	Floristry	2	Home Health Aide	1
<b>Business Technology</b>		Horticulture Skills	3	<b>Real Estate</b>	
Office Assistant	1	Landscape Design	2	Real Estate Sales	2
<b>Early Childhood Education</b>		Plant Production	2	<b>Theatre Arts</b>	
Assistant Teacher	1	Sustainable Landscape	3	Musical Theatre	3
Family Child Care	2	<b>Human Lactation</b>		Theatre Production	3
<b>Electronics Technology</b>		Baby Friendly Hospital Staff	1	<b>Welding</b>	
Basic Electronics and Telecommunications	2	Lactation Consultant Assistant	1	Gas Metal Arc and Flux Core Arc Welding Plate	2
Basic Mechatronics	3	Lactation Educator/Counselor	1	Gas Tungsten Arc Plate and Pipe Welding	2
<b>Emergency Medical Technician</b>		<b>Interior Design</b>		Pipe Welding	3
Emergency Medical Technician (EMT)	2	Designed 4 Life	2	Shielded Metal Arc Plate and Pipe	3
<b>English</b>		Green Building and Sustainable Design for Interiors	2	Welding Equipment Maintenance and Blueprint Interpretation	3
Literary Publishing	3	Interior Retail Merchandising	3		
<b>English as a Second Language (ESL)</b>		Universal Design	3		
Intermediate-High Proficiency in ESL	3	<b>Kinesiology and Athletics</b>			
Intermediate-Mid Proficiency in ESL	3	Senior Fitness	3		
Intermediate-Low Proficiency in ESL	3	<b>Management</b>			
<b>Fashion</b>		Leadership in Action: Organizational Learning	2		
Apparel Construction	3	Leadership in Action: Organizational Systems	2		
Fashion Entrepreneur	3	Leadership in Action: Organizational Teams	2		
Fashion Illustration	3	Leadership in Action: Organizational Variation	2		
Fashion Retailing	3				
Patternmaking and Draping	3				
Runway Design	3				