7 ★ seven

Credit Courses and Programs

Section 7
Discipline and Program Offerings

AA: Associate in Arts Degree
AA-T: Associate in Arts Degree for Transfer
AS: Associate in Science Degree
CA: Certificate of Achievement
CP: Certificate of Proficiency

Accounting **75**
Accounting (AA, CA)
Bookkeeping/Accounting Clerk (CP)

Administration of Justice **76**
Administration of Justice – General (AA)
Administration of Justice – Homeland Security (AA)
Administration of Justice – Investigations (AA)
Administration of Justice – Law Enforcement (AA)
Basic Police Academy (CA)

Africana Studies **79**
Africana Studies (CP)

Alcohol and Other Drug Studies **80**
Alcohol and other Drug Studies (AA, CA)

American Indian Studies **81**
American Indian Studies (CA)

American Sign Language **83**
ASL/English Interpreter Training Program (AA, CA)

American Studies **85**

Anthropology **86**
Archaeological Excavator (CA)
Archaeological Surveyor and Laboratory Assistant (CA)
Archaeology (AA)

Apprenticeship Training **88**
Acoustical Installer (AA, CA)
Carpentry (AA, CA)
Drywall/Lather (AA, CA)
Electrician (AA, CA)
Inside Wireman (AA, CA)
Plasterer (AA, CA)
Residential Wireman (AA, CA)
Sheet Metal (AA, CA)
Sound and Communication Systems Installer (AA, CA)
Sound Technician (AA, CA)

Arabic **102**

Architecture **103**
Architectural Drafting (AA, CA)
Eco-Building Professional (CA)

Art **105**
Digital Animation, Compositing and Music (CP)
Graphic Design (AA)
Illustration (AA)
Interactive Media Design
  Emphasis in 3D Modeling and Animation (AA, CA)
  Emphasis in Multimedia Design (AA, CA)
Pictorial Arts
  Emphasis in Painting (AA)
  Emphasis in Printmaking (AA)
Three-Dimensional Arts
  Emphasis in Ceramics (AA)
  Emphasis in Crafts (AA)
  Emphasis in Glass (AA)
  Emphasis in Jewelry and Metalsmithing (AA)
  Emphasis in Sculpture (AA)

Art – Design **111**
Graphic Design (AA)

Art – Illustration **112**
Illustration (AA)

Astronomy **113**
Astronomy (AA, CA)

Athletics and Competitive Sports **114**

Automotive Technology **115**
Auto Chassis and Drive Lines (AA, CA)
Auto Collision Repair (AA, CA)
Electronic Tune-Up and Computer Control Systems (AA, CA)
Mechanics – General (AA, CA)

Aviation Sciences **118**
Aviation Operations and Management (AA, CA)
Aircraft Commercial Pilot (AA, CA)

Biology **119**
Biology – General (AA, CA)
Biology – Preprofessional (AA, CA)

Botany **122**

Business **122**
Advertising, Marketing, and Merchandising (AA, CA)
Business Administration (AA)
Business – General (AA)
E-Business (CP)
Entrepreneurship (CP)
Internet
  Emphasis in Business Education (AA, CA)
Retail Management (CA)
Salesperson – Retail (CP)

Business Management **127**
Business Management (AA, CA)

Cabinet and Furniture Technology **128**
Cabinetmaking and Furniture Design (AA, CA)
Cabinetmaking and Millwork (AA, CA)
Furniture Making (AA, CA)

Chemistry **134**
Chemistry (AA, CA)

Chicano Studies **135**

Child Development **136**
Assistant Teacher (CP)
Early Childhood Administration (AA, CA)
Early Intervention Assistant (AA, CA)
Early Intervention Teacher (AA, CA)
Infant/Toddler Teacher (AA, CA)
Preschool Teacher (AA, CA)
School Age Assistant (CP)
Working with Families (AA, CA)

Chinese **142**

Cinema **143**
Cinema (AA, CA)

Communications **144**
Public Relations (CP)

Computer Science and Information Systems -- Computer Science **144**
Computer Science (AA, CA)
Computer Science with Emphasis in Video Gaming (AA, CA)
Java Software Development (CP)
Linux (CP)
Mac Programming (CP)
Video Game Artist (CP)
Video Game Developer (CP)

Computer Science and Information Systems -- Database **148**
Microsoft SQL Database Administrator (CP)
Oracle Database (CP)

Computer Science and Information Systems -- Information Technology **149**
Information Technology (AA, CA)
Microsoft Office User Specialist (CP)
Visual Basic (CP)
Web 2.0 (CP)

Computer Science and Information Systems -- Networking **151**
Cisco (CP)
Computer Network Administration with Emphasis in Cisco and Linux Management (AA, CA)
Computer Network Administration with Emphasis in Cisco and Microsoft Management (AA, CA)
Computer Network Administration with Emphasis in Microsoft and Linux Management (AA, CA)
Desktop Support Specialist - MCSA (CP)
Network Engineer - MCSE (CP)

Computer Science and Information Systems -- Web Technology **154**
Web Developer with Emphasis in Java/Open Source (CP)
Web Developer with Emphasis in Windows (CP)
Web Server Administrator with Emphasis in Linux (CP)
Web Server Administrator with Emphasis in Windows (CP)

Construction Inspection **155**
Construction Inspection (AA, CA)

Cooperative Education **156**

Counseling **157**

Dance **158**

Dental Assisting **164**
Registered Dental Assisting (AA, CA)

Diesel Mechanics Technology **165**
Diesel Technology (AA, CA)

Disability Resource **166**

Drafting Technology **167**
Computer Assisted Drafting (AA, CA)
Drafting Technology – Multimedia (AA, CA)
Drafting Technology – Technical (AA, CA)
Electro-Mechanical Drafting and Design (AA, CA)
Interactive Media Design
Emphasis in 3D Modeling and Animation (AA, CA)
Emphasis in Multimedia Design (AA, CA)

Earth Sciences **170**

Economics **171**
Economics (AA, CA)

Education **171**

Electrician Trainee **172**

Electro-Mechanical Equipment Technician **172**
Mail Processing Equipment Mechanic (CA)
Maintenance Mechanic (CP)

Emergency Medical Education **173**
EMT-Basic (CP)
Paramedic Training (AA, CA)

Engineering **176**
Engineering (AA)

English **177**
English (AA)

English as a Second Language **180**

Entertainment Technology **181**
Entertainment Technology (CA)

Family and Consumer Sciences **182**
Family and Consumer Sciences – General (AA, CA)

Fashion **183**
Fashion Design/Technical (AA)
Fashion Merchandising (AA)

Fire Technology **186**
Fire Technology – Emergency Management (AA, CA)
Fire Technology – General (AA, CA)

Foreign Languages **189**
(See also Arabic, Chinese, French, German, Italian, Japanese, Spanish)

French **189**
French (AA, CA)

General Studies **190**
General Studies
Arts and Humanities Emphasis (AA)
Science and Mathematics Emphasis (AA)
Social and Behavioral Sciences Emphasis (AA)

Geography **191**
Advanced Geographic Information Systems (AA, CA)
Geographic Information Systems (CP)

Geology **193**
Geology (AA)

German **194**

Graphic Communications **195**

Graphic Communications - Imaging & Publishing 195
Digital Arts (CP)
Digital Imaging (AA, CA)
Digital Prepress Operator (CP)
Electronic Publisher (CP)
Graphic Communications Emphasis in Electronic Publishing (AA, CA)
Graphic Communications Emphasis in Management (AA, CA)
Graphic Communications Emphasis in Production (AA, CA)
Screen Printer (CP)
Screen Printing (AA, CA)

Graphic Communications - Multimedia & Web 200
Digital Animation, Compositing, and Music (CP)
Digital Media (CP)
Digital Video (AA, CA)
E-Commerce Design (CP)
Interactive Media Design
Emphasis in 3D Modeling and Animation (AA, CA)
Emphasis in Multimedia Design (AA, CA)
Interactive Web Multimedia and Audio (AA, CA)
Internet
Emphasis in Graphic Communication (AA, CA)
New Media Compositing, Authoring, and Distribution (AA, CA)
Video Game Artist (CP)
Web Data Base Design (CP)

Health 206

History 206

Humanities 207

Industrial Technology 208

Insurance 208
Commercial and Personal Insurance Services (AA, CA)
Insurance Services (CP)

Interior Design 209
Interior Design (AA, CA)

International Business 210
International Business (AA, CA)

Italian 211

Japanese 212

Journalism 212
Broadcast Journalism (CP)
Journalism (AA, CA)

Judaic Studies 213

Kinesiology 213
Adult Fitness/Health Management (CA)
Kinesiology (AA)

Legal Studies 218
Legal Studies (AA)
Legal Support Assistant (CP)

Library Technology 220
Library Technology (AA, CA)

Mathematics 220
Mathematics (AA)

Microbiology 223

Multicultural Studies 223
(See also Africana Studies, American Indian Studies, American Studies, Chicano Studies, Judaic Studies)

Music 224
Digital Animation, Compositing, and Music (CP)
Music (AA)

Noncredit 274
Adult Basic Education
Adult Basic Education Certificate of Completion
Basic Education
Career and Technical Education
Citizenship
Disability Education
English as a Second Language
English as a Second Language Certificate of Completion
Health and Safety Education

Nursing Education 229
Nursing (AA)
Nursing (AS)

Oceanography 233

Office Information Systems 233
Administrative Assistant (AA, CA)
Data Entry(CP)
International Administrative Assistant (AA, CA)
Medical Language Specialist (AA, CA)
Medical Office Management (AA, CA)
Receptionist (CP)
Virtual Assistant (CP)

Philosophy 237

Photography 238
Commercial Photography (CP)
Digital Imaging (AA, CA)
Fine Art Photography (CP)
Photography (AA, CA)

Physical Science 240

Physics 241

Political Science 242

Psychology 242
Alcohol and Other Drug Studies (AA, CA)
Psychological and Social Services (AA, CA)

Public Administration 245
Public Administration (AA, CA)

Public Works Management 245
Public Works Management - Level I (CA)
Public Works Management - Level II (AA, CA)

Radio and Television 246
Broadcast Journalism (CP)
Digital Media (CP)
Digital Video (AA, CA)
Entertainment Technology (CA)
Radio and Television (AA, CA)

Reading 249

Real Estate **250**
Escrow (AA, CA)
Real Estate Appraisal License Preparation (CP)
Real Estate Broker License Preparation (AA, CA)
Real Estate Salesperson License Preparation (CP)

Recreation **253**
Outdoor Leadership (AA, CA)
Recreation Agency Leader (AA, CA)

Religious Studies **254**

Sociology **255**

Spanish **256**

Speech **257**
Speech Communication (AA)

Theatre Arts **258**
Entertainment Technology (CA)
Theatre Arts (AA)
Theatre – Technical (CA)

University Studies **262**
California State University General Education Breadth (CA)
Intersegmental General Education Transfer Curriculum (CA)
University Studies - Emphasis in Business (AA)
University Studies - Emphasis in Culture and Society (AA)
University Studies - Emphasis in Education (AA)
University Studies - Emphasis in Fine and Performing Arts (AA)
University Studies - Emphasis in Health and Fitness (AA)
University Studies - Emphasis in Humanities (AA)
University Studies - Emphasis in Mathematics and Science (AA)
University Studies - Emphasis in Media and Communication (AA)
University Studies - Emphasis in Social Sciences (AA)
University Studies - Emphasis in World Languages (AA)

Upholstery **264**
Upholstery (CP)

Wastewater Technology Education **265**
Wastewater Technology Education (AA, CA)

Water Technology Education **266**
Water Technology Education (AA, CA)

Welding **268**
Entry-Level Gas Metal Arc/Flux Cored Arc Welding (CP)
Entry-Level Gas Tungsten Arc Welding (CP)
Entry-Level Shielded Metal Arc Welding (CP)
Welding Technology (AA, CA)

Women's Studies **269**
Women's Studies (AA)

Zoology **270**

Degrees and Certificates
Alphabetical by Title

AA: Associate in Arts Degree
A.A-T: Associate in Arts for Transfer
AS: Associate in Science Degree
CA: Certificate of Achievement
CP: Certificate of Proficiency
NC: Noncredit

Accounting (AA, CA) 75
Acoustical Installer (AA, CA) 88
Administration of Justice – General (AA) 76
Administration of Justice – Homeland Security (AA) 76
Administration of Justice – Investigations (AA) 76
Administration of Justice – Law Enforcement (AA) 76
Administrative Assistant (AA, CA) 234
Adult Basic Education (NC) 274
Adult Fitness/Health Management (CA) 214
Advanced Geographic Information Systems (AA, CA) 191
Advertising, Marketing, and Merchandising (AA, CA) 122
Africana Studies (CP) 79
Aircraft Commercial Pilot (AA, CA) 118
Alcohol and Other Drug Studies (AA, CA) 80, 243
American Indian Studies (CA) 81
Archaeological Excavator (CA) 86
Archaeological Surveyor and Laboratory Assistant (CA) 86
Archaeology (AA) 86
Architectural Drafting (AA, CA) 103
ASL/English Interpreter Training Program (AA, CA) 83
Assistant Teacher (CP) 137
Astronomy (AA, CA) 113
Auto Chassis and Drive Lines (AA, CA) 115
Auto Collision Repair (AA, CA) 116
Aviation Operations and Management (AA, CA) 118
Basic Police Academy (CA) 77
Biology – General (AA, CA) 119
Biology – Preprofessional (AA, CA) 120
Bookkeeping/Accounting Clerk (CP) 75
Broadcast Journalism (CP) 212, 246
Business – General (AA) 123
Business Administration (AA) 123
Business Management (AA, CA) 127
Cabinetmaking and Furniture Design (AA, CA) 128
Cabinetmaking and Millwork (AA, CA) 128
California State University General Education Breadth (CA) 262
Carpentry (AA, CA) 89
Chemistry (AA, CA) 134
Cinema (AA, CA) 143
Cisco (CP) 151
Commercial and Personal Insurance Services (AA, CA) 208
Commercial Photography (CP) 238
Computer Assisted Drafting (AA, CA) 167
Computer Network Administration with Emphasis in Cisco and Linux Management (AA, CA) 151
Computer Network Administration with Emphasis in Cisco and Microsoft Management (AA, CA) 152
Computer Network Administration with Emphasis in Microsoft and Linux Management (AA, CA) 152
Computer Science (AA, CA) 145
Computer Science with Emphasis in Video Gaming (AA, CA) 145
Construction Inspection (AA, CA) 155
Data Entry (CP) 234
Desktop Support Specialist - MCSA (CP) 152
Diesel Technology (AA, CA) 165
Digital Animation, Compositing and Music (CP) 105, 200, 224
Digital Arts (CP) 195
Digital Imaging (AA, CA) 196, 238
Digital Media (CP) 200, 247
Digital Prepress Operator (CP) 196
Digital Video (AA, CA) 200,247
Drafting Technology – Multimedia (AA, CA) 168
Drafting Technology – Technical (AA, CA) 168
Drywall/Lather (AA, CA) 93
Early Childhood Administration (AA, CA) 137
Early Intervention Assistant (AA, CA) 137
Early Intervention Teacher (AA, CA) 137
E-Business (CP) 123
Eco Building Professional (CA) 103
E-Commerce Design (CP) 200
Economics (AA, CA) 171
Electrician (AA, CA) 95
Electro-Mechanical Drafting and Design (AA, CA) 168
Electronic Publisher (CP) 196
Electronic Tune-Up and Computer Control Systems (AA, CA) 116
EMT-Basic (CP) 173
Engineering (AA) 176
English (AA) 177
English as a Second Language (NC) 275
Entertainment Technology (CA) 181, 247, 259
Entrepreneurship (CP) 123
Entry-Level Gas Metal Arc/Flux Cored Arc Welding (CP) 268
Entry-Level Gas Tungsten Arc Welding (CP) 268
Entry-Level Shielded Metal Arc Welding (CP) 268
Escrow (AA, CA) 250
Family and Consumer Sciences – General (AA, CA) 182
Fashion Design/Technical (AA) 183
Fashion Merchandising (AA) 183
Fine Art Photography (CP) 238
Fire Technology – Emergency Management (AA, CA) 186
Fire Technology – General (AA, CA) 186
French (AA, CA) 190
Furniture Making (AA, CA) 129
General Studies - Emphasis in Arts and Humanities (AA) 190
General Studies - Emphasis in Science and Mathematics (AA) 190
General Studies - Emphasis in Social and Behavioral Sciences (AA) 190
Geographic Information Systems (CP) 192
Geology (AA) 193
Graphic Communications - Emphasis in Electronic Publishing (AA, CA) 196
Graphic Communications - Emphasis in Management (AA, CA) 196
Graphic Communications - Emphasis in Production (AA, CA) 197
Graphic Design (AA) 105, 111
Illustration (AA) 105, 112
Infant/Toddler Teacher (AA, CA) 138
Information Technology (AA, CA) 149
Inside Wireman (AA, CA) 96
Insurance Services (CP) 208
Interactive Media Design, Emphasis in 3D Modeling and Animation (AA, CA) 106, 168, 201

Interactive Media Design, Emphasis in Multimedia Design (AA, CA) ... 106, 168, 201
Interactive Web Multimedia and Audio (AA, CA) ... 201
Interior Design (AA, CA) ... 209
International Administrative Assistant (AA, CA) ... 234
International Business (AA, CA) ... 211
Internet - Emphasis in Business Education (AA, CA) ... 124
Internet - Emphasis in Graphic Communication (AA, CA) ... 202
Intersegmental General Education Transfer Curriculum (CA) ... 262
Java Software Development (CP) ... 145
Journalism (AA, CA) ... 212
Kinesiology (AA) ... 214
Legal Studies (AA) ... 218
Legal Support Assistant (CP) ... 219
Library Technology (AA, CA) ... 220
Linux (CP) ... 145
Mac Programming (CP) ... 145
Mail Processing Equipment Mechanic (CA) ... 172
Maintenance Mechanic (CP) ... 173
Mathematics (AA) ... 221
Mechanics – General (AA, CA) ... 116
Medical Language Specialist (AA, CA) ... 234
Medical Office Management (AA, CA) ... 235
Microsoft Office User Specialist (CP) ... 149
Microsoft SQL Database Administrator (CP) ... 148
Music (AA) ... 224
Network Engineer - MCSE (CP) ... 152
New Media Compositing, Authoring, and Distribution (AA, CA) ... 202
Nursing (AA) ... 230
Nursing (AS) ... 231
Oracle Database (CP) ... 148
Outdoor Leadership (AA, CA) ... 253
Paramedic Training (AA, CA) ... 173
Photography (AA, CA) ... 239
Pictorial Arts, Emphasis in Painting (AA) ... 106
Pictorial Arts, Emphasis in Printmaking (AA) ... 106
Plasterer (AA, CA) ... 99
Preschool Teacher (AA, CA) ... 138
Psychological and Social Services (AA, CA) ... 243
Public Administration (AA, CA) ... 245
Public Relations (CP) ... 144
Public Works Management Level I (CA) ... 245
Public Works Management Level II (AA, CA) ... 246
Radio and Television (AA, CA) ... 247
Real Estate Appraisal License Preparation (CP) ... 250
Real Estate Broker License Preparation (AA, CA) ... 251
Real Estate Salesperson License Preparation (CP) ... 251
Receptionist (CP) ... 235
Recreation Agency Leader (AA, CA) ... 253
Registered Dental Assisting (AA, CA) ... 164
Residential Wireman (AA, CA) ... 100
Retail Management (CA) ... 124
Salesperson – Retail (CP) ... 124
School Age Assistant (CP) ... 139
Screen Printer (CP) ... 197
Screen Printing (AA, CA) ... 197
Sheet Metal (AA, CA) ... 100
Sound and Communication Systems Installer (AA, CA) ... 101
Sound Technician (AA, CA) ... 101
Speech Communication (AA) ... 257
Theatre – Technical (CA) ... 259
Theatre Arts (AA) ... 259
Three Dimensional Arts - Emphasis in Ceramics (AA) ... 107
Three Dimensional Arts - Emphasis in Crafts (AA) ... 107
Three Dimensional Arts - Emphasis in Glass (AA) ... 107
Three Dimensional Arts, Emphasis in Jewelry and Metalsmithing (AA) ... 107
Three Dimensional Arts, Emphasis in Sculpture (AA) ... 108
University Studies - Emphasis in Business (AA) ... 262
University Studies - Emphasis in Culture and Society (AA) ... 262
University Studies - Emphasis in Education (AA) ... 262
University Studies - Emphasis in Fine and Performing Arts (AA) ... 262
University Studies - Emphasis in Health and Fitness (AA) ... 262
University Studies - Emphasis in Humanities (AA) ... 262
University Studies - Emphasis in Mathematics and Science (AA) ... 262
University Studies - Emphasis in Media and Communication (AA) ... 262
University Studies - Emphasis in Social Sciences (AA) ... 262
University Studies - Emphasis in World Languages (AA) ... 262
Upholstery (CP) ... 264
Video Game Artist (CP) ... 146, 202
Video Game Developer (CP) ... 146
Virtual Assistant (CP) ... 235
Visual Basic (CP) ... 149
Wastewater Technology Education (AA, CA) ... 265
Water Technology Education (AA, CA) ... 266
Web 2.0 (CP) ... 149
Web Data Base Design (CP) ... 202
Web Developer with Emphasis in Java/Open Source (CP) ... 154
Web Developer with Emphasis in Windows (CP) ... 154
Web Server Administrator with Emphasis in Linux (CP) ... 154
Web Server Administrator with Emphasis in Windows (CP) ... 154
Welding Technology (AA, CA) ... 268
Women's Studies (AA) ... 269
Working with Families (AA, CA) ... 139