This supplement contains corrections to existing programs in the print version of the 2018-19 catalog. (The online 2018-19 catalog has been corrected). In addition, any new course descriptions, certificates, or degrees that were approved after the publication of the 2018-19 print catalog are included.

**GREEN – Corrections/additions**

**RED – Deleted**

**BLUE – Clarifying language**

**New – Approved for 2018-19**

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### C-ID Approved Courses Chart (p. 86)

**NEW:** C-ID PHYS 215  ELAC Course PHYSICS 103

**Correction (p. 109):** General Studies: Natural Sciences
Delete: MICRO 10 Environmental Biology

### Administration of Justice Department

**New Skills Certificates (p. 113)**

**Field Probation Officer Core**

ADM JUS 261  Probation Officer Core Course  12
Total: 12

**Juvenile Correction Officer Core**

ADM JUS 260  Juvenile Corrections Officer Core Course (JCOC)  12
Total: 12

**Correction (p. 114):** Chemical Dependency Specialist in Criminal Justice Skills Certificate

ADDICST 1  Understanding Addiction and Counseling  3
ADDICST 7  Addiction Treatment and Recovery  3
ADDICST 22  Prevention Specialist Training  3
ADM JUS 1  Introduction to Administration of Justice  3
ADM JUS 75  Introduction to Corrections  3
Total: 15

**Correction (p. 115):** Fire Technology, Associate in Arts Degree
Add additional courses to degree under section...

**Plus 9 units from the following:**

FIRETEK 246  Low Angle Rope Rescue  1.5
FIRETEK 247  Ocean Lifeguard Training Academy  1.5
FIRETEK 248  Lifeguard Recertification  0.25
FIRETEK 249  Ambulance Operatory Academy  8.0
FIRETEK 250  Fire Service Labor/Management Relations  1.0
**Correction (p. 139):** Respiratory Therapy, Associate in Science Degree

**First Year (Theory)**

**Fall Session**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESP TH 2</td>
<td>Fundamentals of Respiratory Therapy</td>
<td>4</td>
</tr>
<tr>
<td>RESP TH 6</td>
<td>Respiratory Physiology</td>
<td>4</td>
</tr>
<tr>
<td>RESP TH 21</td>
<td>Physics of Gas Therapeutics</td>
<td>3</td>
</tr>
<tr>
<td>RESP TH 101</td>
<td>Survey of Respiratory Therapy</td>
<td>2</td>
</tr>
</tbody>
</table>

**Correction (p. 145):**

Pharmacy Technician (**PHRMCTK**)  
36 **Inpatient** Pharmacy Externship

**Anthropology, Geography, Geology Department**

**Correction (p. 149):** Associate in Arts in Environmental Studies: Physical Sciences  
Required core units: **23**

**Add:** Math 227 Statistics (4) to required core

**Add** to restrictive Electives

A. Choose one (3-4 units)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3</td>
<td>Introduction to Weather and Climate</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METEOR 3</td>
<td>Introduction to Weather and Climate</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Art Department**

**Correction (p. 164)**

Art Family Names and Course Numbers:

Art: ART 201, 202, 203

Ceramics: ART 708, 709, 710, 711

Design: ART 501, 502, 503

**Drawing:** ART 201, 202, 203, 209

Life Drawing: ART 204, 205, 206, 207, **215**

Oil **Painting:** ART 307, 308, 309

Water Color & Acrylic: ART **213**, 301, 302, 303, 304, 305, 306
**Business Department**

**Correction (p.176):** Computer Science Information Technology Certificate of Achievement – Programming

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO SCI 201</td>
<td>Introduction to Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CO SCI 208</td>
<td>Beginning BASIC Programming</td>
<td>3</td>
</tr>
<tr>
<td>CO SCI 233</td>
<td>Microcomputer Database Programming</td>
<td>3</td>
</tr>
<tr>
<td>CO SCI 236</td>
<td>Introduction to Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>CO SCI 240</td>
<td>C++ Programming</td>
<td>3</td>
</tr>
<tr>
<td>CO SCI 243</td>
<td>Programming in C++</td>
<td>3</td>
</tr>
<tr>
<td>CO SCI 290</td>
<td>Programming in JAVA</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

**Correction (p. 177):** Business Management Associate of Arts Degree
Degree unit total: **60**
Note: 6 units of major courses may be double counted in GE Area B2 and D2.

**Correction (p. 181):** BUS 15 Business Statistics
Prerequisite: MATH 125, **125S or 134**.

**Correction (p. 182):** CO SCI 262 Programming in JavaScript (**3**)

**Computer Applications and Office Technologies**

**Correction (p. 205):** Technology and Logistics Level I title is now Logistics Clerk

**Correction (p. 206):** Technology and Logistics Level II title is now Logistics Specialist

**Correction (p. 207):** Executive Assistant Certificate of Achievement
Total: **36**

**Correction (p. 207):** Office Systems Specialist Certificate of Achievement
Total: **38**

**Correction (p. 209):** Technology and Logistics, Associate in Science Degree – Electives List
Add: ECON 11 Economics of Globalization **3**

**Dance Department**

**Correction (p. 214)**

Dance Family Names and Course Numbers:
All correct in printed Catalog except the following:
Yoga/Stress management: DANCETQ 181, **182**, 221, 222, 570, 571, **572, 573**, KIN 247
Dance Performance Family: DANCEST 822, 823, **826**
### Engineering and Technologies Department

**Correction (p. 221):**
Network + Skills Certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECTRN 121</td>
<td>CISCO Essentials: Part 1 COMPTIAS A+ Hardware Certification</td>
<td>3</td>
</tr>
<tr>
<td>ELECTRN 122</td>
<td>CISCO Essentials: Part 2 COMPTIAS A+ Hardware Certification</td>
<td>3</td>
</tr>
<tr>
<td>ELECTRN 125</td>
<td>COMPTIAS A+ Certification Training</td>
<td>3</td>
</tr>
<tr>
<td>ELECTRN 126</td>
<td>Installing, Configuring and Administering a Microsoft OS</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

**New – Approved for 2018-19**
Skills Certificates (add to page 221-222)

**Land Surveying Technician Skills Certificate for High School Students**
Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG SUP 100</td>
<td>Plane Surveying I: Boot Camp for High School Students</td>
<td>2</td>
</tr>
<tr>
<td>ENG SUP 101</td>
<td>Plane Surveying II: Boot Camp for High School Students</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td><strong>4</strong></td>
</tr>
</tbody>
</table>

**3D Mapping for GIS Applications**
Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 25</td>
<td>Introduction to Geographic Information Systems and Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td>Introduction to Geographic Information Systems and Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>GIS 25</td>
<td>Introduction to Geographic Information Systems and Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>ENG SUP 121</td>
<td>Plane Surveying I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td><strong>7</strong></td>
</tr>
</tbody>
</table>

**3D Modeling for Building Information Modeling (BIM) Application**
Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC 164</td>
<td>Design Software for Architecture</td>
<td>2</td>
</tr>
<tr>
<td>ENG SUP 121</td>
<td>Plane Surveying I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td><strong>5</strong></td>
</tr>
</tbody>
</table>

**Property Boundaries for Real Estate and Land Surveying**
Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>REAL ES 5</td>
<td>Legal Aspects of Real Estate</td>
<td>3</td>
</tr>
<tr>
<td>ENG SUP 225</td>
<td>Boundary Control for Surveyors</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td><strong>5</strong></td>
</tr>
</tbody>
</table>

**Correction (p. 222):** Delete duplicative MIT 185, 285, 385 courses from under second “Complete One Course from the Following” list. Courses should only be under Restricted Electives list.

**Correction (p. 223):**

ELECTRN 126   Installing and Configuring and Administering a Microsoft OS... 3

**Correction (p. 224):**
ELECTRN 126 Installing and Configuring and Administering a Microsoft OS ..... 3
ELECTRN 127 Microsoft Server Systems and Network Administration (3)
Correction (p. 226): EGD TEK 131 CAD Advanced Applications 3-D (2)
Correction (p. 227): ENG SUP 224 Land Surveyor-In-Training Review Course 2
Delete: Prerequisite: Engineering Support 221 or Civil Engineering 221

Correction (p. 230): Title: IND TEK 105 Industrial Print Reading with GD&T

Kinesiology Department

Correction (p. 247):
Kinesiology Family Names and Course Numbers:
Aquatics: KIN 47, 201, 301, 301-1, 301-2, 301-3, 301-4, 303
Court Sports: KIN 366-1, 366-2, 370, 371-1, 391-1
Directed Studies: KIN 9, 185, 285, 385
Individual Activities: KIN 268, 365-1
Mind/Body Conditioning: KIN 237, 247, 248-1, 327, 337, 335-1
Track & Field Mixed Activities: KIN 180, 307, 334-1

Correction (p. 251) Add:
KIN 185 Directed Study – Kinesiology (1) CSU
This course allows a student to improve fitness skills, and/or practice a specific activity independently with
the guidance of his or her instructor. The student signs a contract which specified the exact expectation of
the instructor for the student.
CONFERENCE 1 HOUR PER WEEK PER UNIT.
The above course allows students to pursue Directed Study in Kinesiology on a contract basis under the direction of a
supervising instructor.
CREDIT LIMIT: A MAXIMUM OF 6 UNITS IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.
Note: UC does not grant credit for variable topics courses in Kinesiology because of credit restrictions in this area.

Life Sciences

Correction (p. 257): Associate in Arts in Environmental Studies: Biology – List A and Free Electives
Elective courses – List A: Three courses \(10-11\) units
BIOLOGY 22 Marine Biology 4
BIOLOGY 40 The Science of Biotechnology 3
ENV SCI 24 Global Climate Change 3
PHYSICS 17 Energy and the Environment 4
Free Electives: Complete \(10-11\) units from any CSU or UC transferable courses \(10-11\)
Math Department

Correction (p. 262)
MATH 101 The World of Numbers (6) NDA

Media Arts

Correction (p. 269): Digital Imaging Certificate of Achievement
MEDIART 101 Introduction to Digital Film/Video Production 3
PHOTO 10 Beginning Photography 3
PHOTO 47 Introduction to Computerized Digital Photography 3
PHOTO 48* Intermediate Computerized Digital Photography 3
PHOTO 51 Advanced Digital Techniques 3
PHOTO 185 Directed Study – Photography 1
Total: 16
*This course has a prerequisite.

Correction (p. 268): Photography and Digital Imaging Certificate of Achievement
Add to One course from the following: 3-4 units
MEDIART 101 Introduction to Digital Film/Video Production 3

Correction (p. 270): Photography, Associate of Arts Degree
Add to Electives list: MEDIART 101

Music Department

Correction (p. 284):
Music Family Names and Course Numbers:
Classical Guitar: MUSIC 651, 652, 653, 654
Piano: MUSIC 321, 322, 323, 324, 341-1, 341-2, 341-3, 341-4
String Instruments: MUSIC 611, 612, 613, 614
Voice: MUSIC 411, 412, 413, 414, 531
Woodwind Instruments: MUSIC 621, 622, 623, 624

Physics Department

Correction (p. 301):
PHYSICS 103 Physics for Engineering and Scientists III (5) UC:CSU IGETC Area 5A, 5C (C-ID PHYS 215)
Social Sciences Department

Delete (p. 306) from Adjunct Faculty list: Mejia, Fernando, History

Correction (p. 307): Associate in Arts in Environmental Studies: Humanities and Social Science - D and E lists
D. Choose one: (3 units)
ANTHRO 102 Human Ways of Life: Cultural Anthropology 3
GEOG 2 Cultural Elements of Geography 3
SOC 2 American Social Problems 3
E. Choose two (2) courses from the following: (6-7 units)
BIOLOGY 22 Marine Biology 4
ENV SCI 24 Global Climate Change 3
LAW 60 Environmental Law and Policy 3
PHYSICS 17 Energy and the Environment 4
GEOG 14 Geography of California 3
OR
ENV SCI 17 Geography of California 3

Theater Arts Department

New – Approved for 2018-19 (p. 317) Skills Certificates
Script Analysis
THEATER 114 Script Study for Theatre Performance, Production, and Appreciation 3
THEATER 130 Playwriting 3
THEATER 225 Beginning Direction 3
Total: 9

Stagecraft
TECHTR 300 Stagecraft 3
TECHTR 313 Scenic Art for Theatre 3
TECHTR 343 Scenery Practicum 2
Total: 8

Theatrical Lighting
TECHTR 342 Technical Stage Production 2
TECHTR 346 Lighting Practicum 2
TECHTR 370 Lighting Design for Theatre 3
Total: 7
Correction (p. 317) Theater, Associate in Arts Degree
Add to Core Requirements:
THEATER 260   Acting Fundamentals     3
OR
THEATER 270   Beginning Acting       3

Correction (p. 319) Theater Family Names and Course Numbers:
Acting for the Camera: THEATRE 278
Acting Study and Professional Applied Acting: THEATRE 200, 260, 270, 272, 273
Directing: THEATRE 225
Movement: THEATRE 265
Ensemble Performance: THEATRE 232, 235, 293
Performance Preparation: THEATRE 205, 276
Voice Theory: THEATRE 240, 244

Faculty Listing

Correction (p. 341)
Hernandez-Murillo, Grace
Associate Dean, EOPS

Index

Correction (p. 359)
Medical Assisting
   Certificates of Achievement ...........137

September 17, 2018