



SANTA ANA COLLEGE

Santa Ana College Mission Statement

Santa Ana College inspires, transforms, and empowers a diverse community of learners.

10+1

1. Curriculum including establishing prerequisites and placing courses within disciplines.
2. Degree and certificate requirements;
3. Grading policies;
4. Educational program development;
5. Standards or policies regarding student preparation and success;
6. District and college governance structures, as related to faculty roles;
7. Faculty roles and involvement in accreditation processes, including self-study and annual reports;
8. Policies for faculty professional development activities;
9. Processes for program review;
10. Processes for institutional planning and budget development;
- +1. Other academic and professional matters as mutually agreed upon between the governing board and the academic senate

Curriculum Committee

Voting Members:

Chair/Vice Chair – Kristen Robinson/Daniel Peraza
 Vice President of Academic Affairs – Jeffrey Lamb
 Dean – Matthew Morin
 At Large Representative – Vacant
 Business – Dori Dumon
 Continuing Education – Donna Khalid
 Counseling – Lisa Macafee
 Fine & Performing Arts – Jacqueline Schlossman
 Humanities – Zachary Fish
 Human Services – Wendy Wang
 Kinesiology – Brian Sos
 Library – Jaki King
 Mathematics – George Sweeney
 Health Sciences – Laura Derr
 Sciences – Minhan Dinh-Mahavongtrakul
 Social Sciences – Vacant
 Student Representative – Yonathan Medina
 Student Services – Louise Janus
 Technology – Jaime Gonzalez

Non-Voting Members:

Articulation Officer – Paula Canzona
 Distance Education – Jaki King, Jose Lopez Mercedes
 Matriculation Representative – Maria Aguilar Beltran
 Curriculum Specialist – Anh-Phuong Tran
 Curriculum Specialist – Reyes Vazquez
 Curriculum Specialist – Michael Zuniga

CURRICULUM and INSTRUCTION COUNCIL MINUTES

Monday, November 10, 2025 | 2:00 PM | JSC 219 1-4

Zoom Meeting: <https://rscdd-edu.zoom.us/j/7145646993>

Present: P. Canzona, L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish (via Zoom), J. Gonzalez, L. Janus, D. Khalid, J. King, J. Lamb, L. Macafee, S. Mathot (proxy for W. Wang), Y. Medina (via Zoom), M. Morin, D. Peraza, K. Robinson, G. Sweeney

Absent: M. Aguilar-Beltran, J. Schlossman, B. Sos

Guest: Via Zoom: L. Chavez, A. Gonis, J. Harman, H. Kim, M. Kimmel, J. Lopez Mercedes, A. Maricic, T. Vu

The meeting was called to order by D. Peraza, CIC Vice Chair, at 2:09 p.m.

Assembly Bill (AB) 2449 allows members of legislative bodies to participate remotely if there is “just cause” or “emergency circumstances. Z. Fish and Y. Medina notified the membership that they would attend the meeting virtually due to “just cause”.

CIC membership voted and approved Z. Fish and Y. Medina’s virtual attendance.

Mover: L. Janus
Seconded by: D. Dumon
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, J. Gonzalez, L. Janus, D. Khalid, J. King, J. Lamb, L. Macafee, S. Mathot, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

I. Approval of Additions or Corrections to Agenda

The following courses and program were added to the agenda under first read:

Communication Studies C1004 and C1004H, Criminal Justice Academies 012, Manufacturing Technology 174, 176, 186, 194, 195, Pharmacy Technology 057, 060, 072C, 072L-1, 072L-2, 072L-3, and Basic Law Enforcement Academy Certificate of Achievement

The following corrections were made to the agenda under first read:
 Added General Education designations to Nutrition 115, 115H and 120.
 Removed Entrepreneurship and Small Business Certificate of Achievement.

Additions and corrections to agenda were approved.

Mover: L. Macafee

Seconded by: J. King

Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. King, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney

Nays: None

Abstentions: None

II. Public Comments

No public comments were made.

III. Approval of Minutes

The Minutes from October 27, 2025 were approved.

Mover: L. Janus

Seconded by: D. Dumon

Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. King, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney

Nays: None

Abstentions: None

IV. Curriculum

See comments and approvals in subsequent pages.

V. Chair's Report

a. Apprenticeship Courses and Programs

i. Cross-Listing

ii. Department of Labor (DOL) vs. Department of Apprenticeship Standards (DAS) Approval

K. Robinson explained that apprenticeship programs must receive approval from both the Department of Labor (DOL) and the Department of Apprenticeship Standards (DAS). She emphasized that DAS approval is necessary to ensure proper funding for these programs. She also clarified that cross-listing courses under similar prefixes created specifically for apprenticeships is unnecessary, as it adds extra work for faculty and the Curriculum Office. While courses can be created under apprenticeship-specific prefixes, this is optional rather than required. She also outlined the process for creating course sections for both apprenticeship and non-apprenticeship students.

Discussion ensued.

VI. Action Item – First Read

a. Baccalaureate Upper-Level General Education Courses

D. Peraza presented three possible options for the prerequisite/limitation of enrollment statement for upper-division courses within the baccalaureate programs and requested feedback from the committee. The Technology department voted in favor of Option 1 but indicated they may reconsider Option 2 in the future. Counseling, Sciences, Student Services, and J. Lamb voted in support of Option 2.

Representatives were asked to consult with their constituents once more, as a vote on the matter will take place at the November 24th meeting.

b. Certificate of Achievement Residency Requirement for Apprenticeships

D. Peraza and A. Maricic delivered a PowerPoint presentation proposing the addition of language to the Certificate of Achievement residency requirement to include apprenticeship programs. The proposed language specifies that students must complete at least two courses from an approved registered apprenticeship program, approximately 20% of the total required units, to be eligible to receive a certificate from SAC or SCC.

VII. Other

K. Robinson shared that noncredit requested the Correspondence Education addenda be made public. She asked if anyone on the council had any concerns or wished to discuss the matter. No concerns were raised.

Meeting adjourned at 3:54 p.m.

IV.a. **CONSENT AGENDA from TECHNICAL COMMITTEE**

Item 1 was approved.

Mover: D. Dumon

Seconded by: L. Janus

Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney

Nays: None

Abstentions: None

Revised Courses without Catalog Changes

None to review

Revised Courses with Minor Catalog Changes

None to review

Course Deactivations

1. Criminal Justice Academies 090, Academy Tactical Officer Training

Course Enrollment Maximums

None to review

Distance Education Revisions Only

None to review

Course Student Learning Outcomes (SLOs) Revisions Only

None to review

Course Materials Revisions Only

None to review

Revised programs with Minor Catalog Changes

None to review

Program Deletion

None to review

Program SLO Revisions

None to review

IV.b. CURRICULUM ITEMS

DISCUSSION ITEMS (1st READINGS)

Items 2 – 85 were discussed.

New Courses

2. Automotive Technology 211, High Performance Engines
 - a. Prerequisite
 - b. Distance Education
3. Automotive Technology 318, Advanced Engine Performance (L1)
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
4. Automotive Technology 320, Electronic Diesel Engine Diagnosis (L2)
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
5. Automotive Technology 330, Automobile Service Consultant (C1)
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
6. Automotive Technology 340, Alternative Fuels (F1/H1)
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
7. Automotive Technology 350, Advanced Driver Assistance Systems (L4)
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
8. Automotive Technology 360, Light Duty Hybrid/Electric Vehicles (L3)
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
9. Automotive Technology 399, Automotive Work Experience - Technical Skills
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
10. Automotive Technology 400, Transportation Leadership and Management
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
11. Automotive Technology 410, Transportation Supply Chain
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
12. Automotive Technology 420, Transportation Ethics
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education

13. Automotive Technology 430, Dealership and Manufacturer Relationship
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
14. Automotive Technology 440, Educators and Technical Trainers
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
15. Automotive Technology 495, Automotive Technology Capstone
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
16. Automotive Technology 499, Automotive Work Experience - Leadership Skills
 - a. Prerequisite
 - b. Limitations of Enrollment
 - c. Distance Education
17. Banking 110, Work Experience – Banking & Finance
 - a. Distance Education
18. Computer Science 380, SQL Technology
 - a. Limitations of Enrollment
 - b. Distance Education
19. Counseling 135, Understanding Disability – A Path to Inclusive Education
 - a. Limitations of Enrollment
 - b. Distance Education
20. Diesel Electric Transportation Technology 101, Introduction to Diesel-Electric Technology
 - a. Distance Education
21. Fire Academy 070B, OSFM Firefighter 2 Certification
 - a. Prerequisite
 - b. Recommended Preparation
 - c. Limitations of Enrollment
22. Fire Officer Training 234A, Plan Examiner 1A- Building Plan Review
 - a. Prerequisite
 - b. FOMA
23. Fire Officer Training 234B, Plan Examiner 1B
 - a. Prerequisite
 - b. FOMA
24. Manufacturing Technology 140, Basic ESPRIT EDGE
 - a. Distance Education
25. Manufacturing Technology 141, Advanced ESPRIT EDGE
 - a. Prerequisite
 - b. Distance Education

Revised Courses

26. Astronomy C1001, Introduction to Astronomy
 - a. Distance Education
27. *Biology C1001, Introduction to Biology
 - a. Distance Education

28. *Biology C1001H, Introduction to Biology – Honors
 - a. Limitations of Enrollment
 - b. FOMA
29. Criminal Justice Academies 099A, Basic Police Academy
 - a. Prerequisite
30. Dance 123, Introduction to Salsa Dance
 - a. Distance Education
31. Fire Academy 017, Physical Ability Instructor Course
 - a. Recommended Preparation
32. Fire Academy 080D, S-290 Intermediate Wildland Fire Behavior
 - a. Prerequisite
 - b. FOMA
33. Fire Academy 084A, Hazardous Materials First Responder Operational, Decontamination
 - a. Prerequisite
 - b. Recommended Preparation
 - c. FOMA
34. Fire Officer Training 008A, S-339 Division/Group Supervisor All Risk
 - a. Prerequisite
 - b. Recommended Preparation
 - c. FOMA
35. Fire Officer Training 078, S-230 Crew Boss (Single Resource)
 - a. Prerequisite
 - b. FOMA
36. Fire Officer Training 150D, Company Officer 2D: All-Risk Command Operations for Company Officers
 - a. Prerequisite
 - b. Recommended Preparation
 - c. FOMA
37. Fire Technology 105, Building Construction for Fire Protection
 - a. Prerequisite
 - b. Distance Education
38. Fire Technology 106, Fire Protection Systems
 - a. Prerequisite
 - b. Distance Education
39. Geology 168, Geologic Field Studies of the Owens Valley
40. *Music 110, Music Fundamentals
 - a. Distance Education
 - b. General Education: Plan 2: 3A
41. *Music 112, Music Theory and Musicianship II
 - a. Prerequisite
 - b. Distance Education
42. *Music 114A, Musicianship III
 - a. Prerequisite
 - b. Distance Education
43. *Music 114B, Musicianship IV
 - a. Prerequisite
 - b. Distance Education
44. Music 115A, Applied Music (Private Instruction)
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education

- 45. Music 115B, Applied Music (Private Instruction)
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
- 46. Music 115C, Applied Music (Private Instruction)
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
- 47. Music 115D, Applied Music (Private Instruction)
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
- 48. *Music 162, Class Piano II
 - a. Prerequisite
 - b. Distance Education
- 49. *Music 163, Class Piano III
 - a. Prerequisite
 - b. Distance Education
- 50. *Music 164A, Intermediate Piano Repertoire I
 - a. Prerequisite
 - b. Distance Education
- 51. *Music 164B, Intermediate Piano Repertoire II
 - a. Prerequisite
 - b. Distance Education
- 52. *Music 187, Advanced Classical Guitar
 - a. Prerequisite
 - b. Distance Education
- 53. *Music 188, Advanced Classical Guitar Technique and Repertoire
 - a. Prerequisite
 - b. Distance Education
- 54. Music 268, Intermediate Keyboard Repertoire
 - a. Prerequisite
 - b. Distance Education
- 55. Nutrition and Food 115, Nutrition
 - a. Distance Education
- 56. Nutrition and Food 115H, Honors Nutrition
 - a. Prerequisite
 - b. Honors
 - c. Distance Education
- 57. *Nutrition and Food 120, Food and Culture
 - a. Distance Education
- 58. Theatre Arts 171, Showcase II
 - a. Prerequisite
 - b. Distance Education
- 59. Theatre Arts 172, Showcase III
 - a. Prerequisite
 - b. Distance Education

- 60. Theatre Arts 173, Showcase IV
 - a. Prerequisite
 - b. Distance Education
- 61. Theatre Arts 257, Motion Picture Performance Production III
 - a. Prerequisite
 - b. Distance Education
- 62. Theatre Arts 258, Motion Picture Performance Production IV
 - a. Prerequisite
 - b. Distance Education
- 63. Welding 242, Structural Welding FCAW
 - a. Recommended Preparation
 - b. Distance Education
- 64. Welding 256, Alternative Welding Processes
 - a. Recommended Preparation
 - b. Limitations of Enrollment
 - c. Distance Education

New Programs

- 65. Associate in Science in Banking & Finance
- 66. Associate in Science in Mathematics 2.0 for Transfer
- 67. Bachelors in Science in Automotive Technology

Revised Programs

- 68. Associate in Arts in Dance
- 69. Associate in Arts in Human Services
- 70. Associate in Arts in Introduction to ASL – English Interpreting
- 71. Associate in Arts in Photography
- 72. Associate in Arts in Social Work and Human Services for Transfer
- 73. Associate in Science in Electric Heavy-Duty Vehicles
- 74. Associate in Science in Medium/Heavy Truck Technology
- 75. Associate in Science in Nutrition and Dietetics
- 76. Associate in Science in Spanish / English Interpretation and Translation
- 77. Business Applications and Technology Certificate of Achievement
- 78. Digital Publishing Certificate of Achievement
- 79. Electric Heavy-Duty Vehicle Service Certificate of Achievement
- 80. Entrepreneurship and Small Business Certificate of Achievement
- 81. Fullstack Web Developer Certificate of Achievement
- 82. Law Enforcement Option Certificate of Achievement
- 83. Remote Technology for Virtual Professionals Certificate of Achievement
- 84. Transport Refrigeration/Temperature Control Certificate of Achievement
- 85. Vietnamese / English Interpretation and Translation Certificate of Achievement

IV.c. CURRICULUM ITEMS
ACTION ITEMS (2nd READINGS)

Items 163 was tabled.

Items 86 – 91 were approved.

Mover: D. Khalid
Seconded by: D. Dumon
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

Items 86 and 91 with prerequisites were approved.

Mover: D. Khalid
Seconded by: D. Dumon
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

Items 92 – 162 and 164 – 219 were approved.

Mover: D. Dumon
Seconded by: M. Dinh-Mahavongtrakul
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

Items 140 – 142, 144, 146 – 147. 149, 151, 153 – 154, 157 – 159, 161, 168 – 169, 171 – 172, 186 – 189, 192, 196, 199, 201 – 203, 210 – 212, and 219 with prerequisites, corequisites and recommended preparation were approved.

Mover: D. Khalid
Seconded by: D. Dumon
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

Items 147, 149 and 151 with honors were approved.

Mover: L. Macafee
Seconded by: D. Khalid
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

Items 220 – 222 were approved.

Mover: L. Macafee
Seconded by: L. Janus
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

Items 223 – 257 were approved.

Mover: D. Dumon
Seconded by: L. Derr
Ayes: L. Derr, M. Dinh-Mahavongtrakul, D. Dumon, Z. Fish, J. Gonzalez, L. Janus, D. Khalid, J. Lamb, L. Macafee, S. Mathot, Y. Medina, M. Morin, D. Peraza, G. Sweeney
Nays: None
Abstentions: None

New Courses

- 86. Art 235, Anatomical Drawing
 - a. Prerequisite
 - b. Distance Education
- 87. Automotive Technology 105, Automotive Workplace Skills
 - a. Distance Education
- 88. Automotive Technology 300, Introduction to Automotive Manufacturers
 - a. Prerequisite
 - b. Limitation of Enrollment
 - c. Distance Education
- 89. Business Applications 156, Canva
 - a. Distance Education
- 90. Business Applications 162, Cloud GIS with ArcGIS Online
 - a. Distance Education
- 91. Vocational – Fine Performing Arts 009B, Dance Laboratory II – Noncredit
 - a. Prerequisite
 - b. FOMA

Revised Courses

- 92. Automotive Technology 114A, Suspension and Steering Lecture
 - a. Distance Education
- 93. Automotive Technology 115A, Brakes Lecture
 - a. Distance Education
- 94. Automotive Technology 116A, Electrical Fundamentals Lecture
 - a. Distance Education
- 95. Automotive Technology 118A, Engine Performance Lecture
 - a. Distance Education
- 96. Automotive Technology 284, Automotive Emerging Technologies
 - a. Distance Education
- 97. Business Applications 100, Business Writing Skills
 - a. Distance Education

98. Business Applications 102, Professional Skills & Career Readiness
 - a. Distance Education
99. Business Applications 103, Business Mathematics
 - a. Distance Education
100. Business Applications 110, Computer Keyboarding Skills
 - a. Distance Education
101. Business Applications 115, Computer Keyboarding Speed and Accuracy Development
 - a. Distance Education
102. Business Applications 125, Microsoft Word
 - a. Distance Education
103. Business Applications 126, Microsoft Outlook
 - a. Distance Education
104. Business Applications 127, Microsoft Teams
 - a. Distance Education
105. Business Applications 130, Introduction to Spanish Bilingual Interpreting
 - a. Distance Education
106. Business Applications 131, Business Interpretation and Translation - Spanish / English
 - a. Distance Education
107. Business Applications 132, Medical Interpretation and Translation - Spanish / English
 - a. Distance Education
108. Business Applications 140, Introduction to Vietnamese Bilingual Interpreting
 - a. Distance Education
109. Business Applications 141, Business Interpretation and Translation - Vietnamese / English
 - a. Distance Education
110. Business Applications 142, Medical Interpretation and Translation - Vietnamese / English
 - a. Distance Education
111. Business Applications 146, Computer Fundamentals
 - a. Distance Education
112. Business Applications 147, Microsoft Windows, OneDrive & OneNote
 - a. Distance Education
113. Business Applications 149, Technology for Interpreters & Translators
 - a. Distance Education
114. Business Applications 153, LinkedIn & Social Media Applications
 - a. Distance Education
115. Business Applications 154, Google Analytics & SEO Applications
 - a. Distance Education
116. Business Applications 155, WordPress
 - a. Distance Education
117. Business Applications 158, Introduction to Drones
 - a. Distance Education
118. Business Applications 159, Drones for Mapping
 - a. Distance Education
119. Business Applications 160, Microsoft Designer – AI Design
 - a. Distance Education
120. Business Applications 161, Drones & The Law
 - a. Distance Education
121. Business Applications 163, Adobe Acrobat
 - a. Distance Education
122. Business Applications 164, Adobe Photoshop
 - a. Distance Education

123. Business Applications 165, Adobe Express – Generative AI Design
 - a. Distance Education
124. Business Applications 166, Adobe Illustrator
 - a. Distance Education
125. Business Applications 168, Adobe Firefly – Generative AI Images
 - a. Distance Education
126. Business Applications 169, Adobe Dreamweaver – Web Design, SEO
 - a. Distance Education
127. Business Applications 170, Adobe InDesign – Page Layout
 - a. Distance Education
128. Business Applications 171, Adobe Premiere Pro – Video Editing
 - a. Distance Education
129. Business Applications 172, Adobe After Effects
 - a. Distance Education
130. Business Applications 173, Adobe Animate
 - a. Distance Education
131. Business Applications 179, Microsoft Office (Word, Excel, PowerPoint)
 - a. Distance Education
132. Business Applications 181, Mobile & AI Apps for Business
 - a. Distance Education
133. Business Applications 182, Google Apps & Google Drive
 - a. Distance Education
134. Business Applications 188, Microsoft Excel
 - a. Distance Education
135. Business Applications 189, Advanced Microsoft Excel
 - a. Distance Education
136. Business Applications 190, Microsoft PowerPoint
 - a. Distance Education
137. *Child Development C1000, Child Growth and Development
 - a. Distance Education
138. *Computer Science 100, Computer, AI, & Society
 - a. Distance Education
139. Computer Science 114, Python Programming
 - a. Distance Education
140. *Computer Science 120, Introduction to Programming
 - a. Prerequisite
 - b. Distance Education
141. *Computer Science 121, Programming Concepts
 - a. Prerequisite
 - b. Distance Education
142. *Computer Science 131, Data Structures Concepts
 - a. Prerequisite
 - b. Distance Education
143. Computer Science 214, AI Developer I: Coding and Workflow using GenAI and LLMs
 - a. Distance Education
144. Computer Science 215, Advanced Python Programming
 - a. Prerequisite
 - b. Distance Education
145. Computer Science 248, Advanced Cloud Database Management
 - a. Distance Education

146. Counseling 175, Social Work and Human Services Fieldwork
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
147. Criminal Justice 101H, Honors Introduction to Criminal Justice
 - a. Prerequisite
 - b. Honors
 - c. Distance Education
148. Criminal Justice 103, Concepts of Criminal Law
 - a. Distance Education
149. Criminal Justice 103H, Honors Concepts of Criminal Law
 - a. Prerequisite
 - b. Honors
 - c. Distance Education
150. Criminal Justice 107, Principles and Procedures in the Criminal Justice System
 - a. Distance Education
 - b. Cross Listing: PARA 107
151. Criminal Justice 109H, Honors Community Interaction
 - a. Prerequisite
 - b. Honors
 - c. Distance Education
152. Criminal Justice 205, Criminal Investigation Principles
 - a. Distance Education
153. Criminal Justice Academies 066, Basic Course Requalification
 - a. Prerequisite
154. Dance 133A, Musical Theatre Dance Techniques I
 - a. Recommended Preparation
 - b. Distance Education
155. Dance 140A, Dance Repertory Workshop I
156. Dance 201A, Ballet I
 - a. Distance Education
157. Dance 201B, Ballet II
 - a. Recommended Preparation
 - b. Distance Education
158. Dance 202A, Choreography I
 - a. Recommended Preparation
 - b. FOMA
159. Dance 202B, Choreography II
 - a. Prerequisite
 - b. Recommended Preparation
 - c. FOMA
160. Dance 219A, Jazz Dance I
 - a. FOMA
161. Dance 219B, Jazz Dance II
 - a. Recommended Preparation
 - b. FOMA
162. Diesel Electric Transportation Technology 181, Introduction to Preventative Maintenance Inspection
 - a. Distance Education

- 163. *English C1000E, Academic Reading and Writing – **Tabled**
 - a. Prerequisite
 - b. Distance Education
 - c. General Education: Plan 1: 1A; Plan 2: 1A
- 164. Fire Academy 008, Biddle Physical Ability Test (PAT)
- 165. Fire Academy 018A, Firefighter I Physical Ability Practice (Exam)
- 166. Fire Academy 029, Public Safety Wellness and Fitness-Operation and Safety Training
 - a. Distance Education
- 167. Fire Academy 076A, High Angle Rope Rescue
 - a. FOMA
- 168. Fire Academy 079B, AH-330 Strike Team/Task Force Leader – All Hazards (32 Hours)
 - a. Prerequisite
 - b. FOMA
- 169. Fire Academy 079D, S-440 Planning Section Chief
 - a. Prerequisite
 - b. FOMA
- 170. Fire Academy 080B, S-190 Introduction to Wildland Fire Behavior
 - a. FOMA
- 171. Fire Officer Training 061, Fire Apparatus Driver/Operator 1B: Pumping Apparatus Operations
 - a. Prerequisite
 - b. FOMA
- 172. Fire Officer Training 079C, AH-330 Strike Team/Task Force Leader – All Hazards
 - a. Prerequisite
 - b. FOMA
- 173. Geology 162, Geologic Field Studies of the Mojave Desert
- 174. Geology 164, Geologic Field Studies of the Eastern Sierra Nevada
- 175. Geology 170, Geologic Field Studies of the Anza-Borrego Desert State Park
- 176. Geology 171, Geology Field Studies of Sequoia and Kings Canyon National Parks
- 177. Music 145, Jazz Improvisation and Performance Workshop
 - a. Distance Education
- 178. Music 147, Digital Recording Studio Sound Design
 - a. Distance Education
- 179. Music 149, The Business of Music
 - a. Distance Education
- 180. Music 152, Beginning Audio Production
 - a. Distance Education
- 181. *Music 171, Concert Band
 - a. Distance Education
- 182. Music 175, Jazz Ensemble
 - a. Distance Education
- 183. *Music 176, Jazz Band
 - a. Distance Education
- 184. *Music 181, Chamber Orchestra
 - b. Distance Education
- 185. Music 189, Guitar Ensemble
 - a. Distance Education
- 186. *Music 213, Music Theory III
 - a. Prerequisite
 - b. Distance Education

187. Music 215A, Applied Music (Advanced Private Instruction)
 - a. Prerequisite
 - b. Distance Education
188. Music 216, Advanced Harmony and Composition I
 - a. Prerequisite
 - b. Distance Education
189. Music 217, Advanced Harmony and Composition II
 - a. Prerequisite
 - b. Distance Education
190. Music 241, Chamber Music Ensemble
 - a. Distance Education
191. Music 271, Symphonic Band
 - a. Distance Education
192. Nursing-Registered 272, Complex Concepts
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
193. Paralegal 107, Principles and Procedures in the Criminal Justice System
 - a. Distance Education
 - b. Cross Listing: CJ 107
194. Paralegal 135, Bankruptcy Law and Procedure
 - a. Distance Education
195. Pharmacy Technology 048, Introduction to Pharmacy Technology
 - a. Distance Education
196. Pharmacy Technology 056, Pharmacy Operations
 - a. Prerequisite
 - b. Distance Education
197. Speech-Language Pathology Assistant 118, Introduction to Speech-Language Pathology Assisting
 - a. Distance Education
198. Speech-Language Pathology Assistant 119, Speech-Language and Hearing Development Across the Life Span
 - a. Distance Education
199. Speech-Language Pathology Assistant 120, Speech-Language Pathology Clinical Management and Procedures
 - a. Prerequisite
 - b. Distance Education
200. Speech-Language Pathology Assistant 160, Introduction to Communicative Disorders and Treatment
 - a. Distance Education
201. Speech-Language Pathology Assistant 180, Speech-Language Pathology Screening Processes and Intervention Procedures
 - a. Prerequisite
 - b. Distance Education
202. Speech-Language Pathology Assistant 190, Speech-Language Pathology Assistant Clinical Fieldwork I
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
203. Speech-Language Pathology Assistant 200, Adult and Geriatric Communication Disorders
 - a. Prerequisite
 - b. Distance Education

- 204. Theatre Arts 109, Stage Management
 - a. Distance Education
- 205. *Theatre Arts 110, Acting Fundamentals
 - a. Distance Education
- 206. Theatre Arts 117, Introduction to Technical Theatre
 - a. Distance Education
- 207. Theatre Arts 128, Introduction to Sound Design
 - a. Distance Education
- 208. Theatre Arts 130, Introduction to Lighting Design
 - a. Distance Education
- 209. Theatre Arts 152, Tour Ensemble
 - a. Distance Education
- 210. Theatre Arts 161, Tour Ensemble II
 - a. Prerequisite
 - b. Distance Education
- 211. Theatre Arts 162, Tour Ensemble III
 - a. Prerequisite
 - b. Distance Education
- 212. Theatre Arts 163, Tour Ensemble IV
 - a. Prerequisite
 - b. Distance Education
- 213. Theatre Arts 166, Fundamentals of Programming
 - a. Distance Education
- 214. Theatre Arts 167, Automated Lighting Instruments
 - a. Distance Education
- 215. Theatre Arts 177, Principles of Playwriting
 - a. Distance Education
- 216. Theatre Arts 178, Musical Theatre Techniques
 - a. Distance Education
- 217. Theatre Arts 186, Voice for the Actor
 - a. Distance Education
- 218. Theatre Arts 190, Improvisation for Stage and Screen
 - a. Distance Education
- 219. Welding 240, Structural Welding SMAW
 - a. Recommended Preparation
 - b. Distance Education

New Programs

- 220. Associate in Science in Physics 2.0 for Transfer
- 221. Introduction to Dance – Level I Series Certificate of Achievement
- 222. Introduction to Dance – Level II Series Certificate of Achievement

Revised Programs

- 223. Associate in Arts in Digital Publishing
- 224. Associate in Arts in Library Technology
- 225. Associate in Arts in Microsoft Office Professional
- 226. Associate in Arts in Music
- 227. Associate in Arts in Office Management
- 228. Associate in Science in Automotive Technology

- 229. Associate in Science in Business Applications and Technology
- 230. Associate in Science in Criminal Justice Option
- 231. Associate in Science in Engineering CAD Drafting
- 232. Associate in Science in Engineering Civil Drafting and Design
- 233. Associate in Science in Engineering Civil Technology
- 234. Associate in Science in Engineering Mechanical Drafting and Design
- 235. Associate in Science in Vietnamese / English Interpretation and Translation
- 236. Associate in Science in Welding Technology
- 237. Adobe Applications for Business Certificate of Achievement
- 238. Adobe Web Projects for Business Certificate of Achievement
- 239. Banking & Finance Certificate of Achievement
- 240. Chassis Service Option Certificate of Achievement
- 241. Commercial Art: Mural & Illustration Certificate of Achievement
- 242. Computer Fundamentals for Business Certificate of Achievement
- 243. Computer Programming Certificate of Achievement
- 244. Digital Design for Business Certificate of Achievement
- 245. Drone Technology Certificate of Achievement
- 246. Engine Service Option Certificate of Achievement
- 247. Engineering CAD Drafting Certificate of Achievement
- 248. Engineering Civil Drafting and Design Certificate of Achievement
- 249. Engineering Civil Technology Certificate of Achievement
- 250. Engineering Mechanical Drafting and Design Certificate of Achievement
- 251. Entrepreneurship and Small Business Certificate of Achievement
- 252. Library Technology Certificate of Achievement
- 253. Medium / Heavy Truck Service Certificate of Achievement
- 254. Microsoft Office Professional Certificate of Achievement
- 255. Office Management Certificate of Achievement
- 256. Pathway to Law School Certificate of Achievement
- 257. Spanish / English Interpretation and Translation Certificate of Achievement