



CURRICULUM and INSTRUCTION COUNCIL MINUTES

Monday, November 27, 2023 | 2:00 PM | Room JSC 219 – 1, 2, 3 & 4

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 – Madeline Grant/Kristen Robinson
 Vice President of Academic Affairs – Jeffrey Lamb
 Dean – Sara Butler
 At Large Representative – Vacant
 Business – Dori Dumon
 Continuing Education – Henry Kim
 Counseling – Daniel Peraza
 Fine & Performing Arts – Jacqueline Schlossman
 Humanities – Zachary Fish
 Human Services – Wendy Wang
 Kinesiology – Brian Sos
 Library – Luis Pedroza
 Mathematics – Justin Tolentino
 Health Sciences – Catherine Emley
 Sciences – Minhan Dinh
 Social Sciences – Kristen Guzman
 Student Representative – Vinh Nguyen/Christopher Fesler (Alternate)
 Student Services – Vacant
 Technology – David Roper

Non-Voting Members:

Articulation Officer – Paula Canzona
 Matriculation Representative – Luz Fernandez
 Curriculum Specialist – Anh-Phuong Tran
 Curriculum Specialist – Reyes Vazquez

- Present:** S. Butler, P. Canzona, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley (via Zoom), Z. Fish, M. Grant, H. Kim, J. King (proxy for L. Pedroza), J. Lamb, D. Peraza, K. Robinson, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
- Absent:** L. Fernandez, K. Guzman, V. Nguyen (Student Representative)
- Guest:** S. Bautista, J. Camacho, E. Gomez (via Zoom)

The meeting was called to order by M. Grant, CIC Chair, at 2:05 p.m.

I. Approval of Additions or Corrections to Agenda

A motion was made to add History 124H – Distance Education only, to first read.

- Mover:** Z. Fish
Seconded by: D. Roper
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

The motion was approved without dissent.

II. Public Comments

No public comments were made.

III. Approval of Minutes

The Minutes from November 13, 2023 were approved.

- Mover:** Z. Fish
Seconded by: D. Peraza
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

IV. Curriculum

See comments and approvals in subsequent pages.

Psychology 210, Statistics for the Behavioral Sciences, was discussed. Electronic vote will follow this meeting since originator is making suggested corrections.

Electronic vote took place on November 28, 2023.

A motion to waive the first read and move to second read was made.

Mover: D. Dumon

Seconded by: H. Kim

Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, M. Grant, H. Kim, J. King, J. Schlossman, B. Sos, J. Tolentino, W. Wang

Nays: None

Abstentions: None

The motion was approved.

A motion to approve the course, prerequisite and Distance Education was made.

Mover: W. Wang

Seconded by: M. Dinh-Mahavongtrakul

Ayes: S. Butler, D. Dumon, C. Emley, M. Grant, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, J. Tolentino, W. Wang

Nays: None

Abstentions: None

The motion was approved.

V. CIC Chair's Report

M. Grant asked committee members for feedback on the type of curriculum training needed or requested by faculty and when the training should be offered.

Student Learning Outcomes, Canvas integration and how to use them for assessments, sharing common mistakes, best practices, introduction to currIQunet META, and the differences between historical, active, and approved courses and programs were some of the requests made by faculty.

Discussion ensued.

Workshops during Professional Development Week and video clips will be considered as gateways for training.

VI. Grant Application Presentation

S. Bautista introduced himself to the committee. He presented a grant proposal to create an apprenticeship pathway for future educators. He explained that this is a collaboration with Santa Ana Unified School District. The grant's deadline is January 15th.

S. Bautista mentioned that if approved for the grant, the apprenticeship courses will provide students with first-hand education and training. He also detailed how students will be placed in cohorts and how the monies will be spent.

M. Grant stated that the Academic Senate is seeking a recommendation from CIC to support the grant proposal.

Discussion followed.

A motion to support the grant proposal was made.

Mover: B. Sos

Seconded by: D. Peraza

Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang

Nays: None

Abstentions: D. Peraza

The motion was approved.

VII. Workgroup Reports

M. Grant stated that the Course Enrollment Maximum Committee had its last meeting of the year. She provided a brief synopsis of the subgroups' progress thus far.

M. Grant commented that the General Education Review Committee has not met. A meeting will be scheduled prior to the end of the semester.

S. Butler reported that the Catalog Committee had its initial meeting. She asked for feedback from committee members on whether to include the campus community or CIC representatives only on their opinion about the catalog.

Discussion followed.

Committee members requested that the campus community, including CEC and ASG students, be surveyed on their opinion about the college catalog.

VIII. Division Reports

B. Sos shared the devastating news that Head Football Coach, Anthony White, passed away on Friday, November 25th.

C. Emley invited all members to the Health Science Building Grand Opening scheduled for Wednesday, January 10, 2024, at 4:00 p.m.

The meeting adjourned at 3:49 p.m.

IV.a. CONSENT AGENDA from TECHNICAL COMMITTEE

Revised Courses without Catalog Changes

None to review

Revised Courses with Minor Catalog Changes

None to review

Course Deactivations

None to review

Removal of Deactivated Courses from General Education Plans

None to review

Course Student Learning Outcomes (SLOs) Revisions Only

None to review

Course Materials Revisions Only

None to review

Revised programs

None to review

Program Deletion

None to review

Program SLO Revisions

None to review

IV.b. CURRICULUM ITEMS
DISCUSSION ITEMS (1st READINGS)

A motion was made to move all courses and programs from first read to second read.

Mover: D. Dumon
Seconded by: W. Wang
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: D. Peraza

The motion was approved.

Items 1 – 3 and 41 - 55 were approved.

Mover: J. King
Seconded by: D. Dumon
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 1 – 3 and 41 - 55 with prerequisite, corequisite and recommended preparation were approved.

Mover: D. Roper
Seconded by: W. Wang
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 1 – 3 and 41 - 55 with Distance Education were approved.

Mover: J. King
Seconded by: D. Dumon
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 42 with General Education was approved.

Mover: J. King
Seconded by: D. Dumon
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 4 – 31 and 56 – 191 were approved.

Mover: W. Wang
Seconded by: D. Roper
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 4 – 31 and 56 – 191 with prerequisite, corequisite, recommended preparation were approved.

Mover: D. Roper
Seconded by: W. Wang
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 4 – 31 and 56 – 191 with Distance Education were approved.

Mover: J. King
Seconded by: D. Roper
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 7, 30 and 76 with General Education were approved.

Mover: D. Roper
Seconded by: W. Wang
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 186 – 191 with Correspondence Education were approved.

Mover: H. Kim
Seconded by: W. Wang
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 11, 128, 133, 175 and 179 with Honors were approved.

Mover: Z. Fish
Seconded by: J. Tolentino
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 32 and 192 were approved.

Mover: D. Peraza
Seconded by: D. Roper
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

Items 33 – 40 and 193 – 233 were approved.

Mover: D. Roper
Seconded by: D. Peraza
Ayes: S. Butler, M. Dinh-Mahavongtrakul, D. Dumon, C. Emley, Z. Fish, M. Grant, H. Kim, J. King, J. Lamb, D. Peraza, D. Roper, J. Schlossman, B. Sos, J. Tolentino, W. Wang
Nays: None
Abstentions: None

New Courses

1. Criminal Justice Academies 083F, Academy Instructor Certification Course Refresher
 - a. Prerequisite
2. Parent Education 152, Building Study & Portfolio Writing Skills for Early Care Educators II – Noncredit
 - a. Corequisite
 - b. Distance Education
3. Parent Education 560, Building Essential Competencies in Health, Education, and Advocacy for Infants, Children & Families II – Noncredit
 - a. Corequisite
 - b. Distance Education

Revised Courses

4. *Biology 187, Work Experience – Biotechnology
 - a. Prerequisite
 - b. Distance Education
5. *Biology 197, Work Experience – Work Experience - STEM internship
 - a. Prerequisite
 - b. Distance Education
6. Biology 214, Plant Diversity and Evolution
 - a. Prerequisite
 - b. FOMA

7. Chemistry 115, Concepts in Physical Sciences for Educators
 - a. General Education: Plan A: A
 - b. Cross Listing: PSC 115
 - c. FOMA
8. Chemistry 209, Introductory Chemistry
 - a. Prerequisite
 - b. Distance Education
9. Chemistry 210, General, Organic and Biochemistry
 - a. Prerequisite
 - b. Distance Education
10. Chemistry 219, General Chemistry
 - a. Prerequisite
 - b. FOMA
11. Chemistry 219H, Honors General Chemistry
 - a. Prerequisite
 - b. Honors
 - c. FOMA
12. Computer Science 205, Advanced Visual Basic
 - a. Prerequisite
 - b. Distance Education
13. Dance 120A, Introduction to Hip-Hop Dance
 - a. Distance Education – **ONLY**
14. Economics 120, Principles/Macro
 - a. Prerequisite
 - b. Distance Education
15. Economics 121, Principles/Micro
 - a. Prerequisite
 - b. Distance Education
16. Fire Academy 035, Confined Space Rescue Technician
 - a. Prerequisite
 - b. Distance Education
17. Fire Academy 063, Rope Rescue Awareness/Operations
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
18. Fire Academy 072, Trench Rescue Technician
 - a. Prerequisite
 - b. Distance Education
19. Fire Officer Training 017, Fire Control 5
 - a. Distance Education
20. Fire Officer Training 033, ICS-400 Incident Command
 - a. Prerequisite
 - b. Distance Education
21. Fire Officer Training 137, Fire Inspector 2B: Fire and Life Safety Requirements
 - a. Corequisite
 - b. Distance Education
22. History 151, Modern Latin American Civilization
 - a. Distance Education – **ONLY**
23. *Information Studies 100, Library Research Fundamentals
 - a. Distance Education – **ONLY**

24. Law 299, Work Experience – Law
 - a. Distance Education
25. *Mathematics 105, Mathematics for Liberal Arts Students
 - a. Prerequisite
 - b. Distance Education
26. Mathematics 204, Mathematical Concepts for Elementary School Teachers
 - a. Prerequisite
 - b. Distance Education
27. Photography 009, Photography Lab
 - a. Corequisite
28. Photography 185A, Landscape Photography
 - a. Prerequisite
 - b. Distance Education
29. Photography 191, Commercial Studio Business Practices
 - a. Prerequisite
 - b. Distance Education
30. *Physical Science 115, Concepts in Physical Sciences for Educators
 - a. General Education: Plan A: A
 - b. Cross Listing: CHEM 115
31. *History 124H, Honors Mexican American History in the United States - **Added**
 - a. Distance Education – **ONLY**

New Programs

32. Legal Office Interpreting Vietnamese Certificate of Achievement

Revised Programs

33. Associate in Arts in Liberal Arts American Studies Emphasis
34. Associate in Arts in Liberal Arts: Arts, Humanities and Communications Emphasis
35. Associate in Arts in Liberal Arts Kinesiology and Wellness Emphasis
36. Associate in Arts in Liberal Arts Mathematics and Science Emphasis
37. Associate in Arts in Liberal Arts Social and Behavioral Sciences Emphasis
38. Broadcast Journalism Certificate of Achievement
39. Digital Literacy for Office and Administrative Support Worker Certificate of Completion – Noncredit
40. Secretary/Administrative Assistant Certificate of Completion – Noncredit

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

New Courses

41. Accounting 126, Work Experience – VITA
 - a. Distance Education
42. Biology 275, Cell and Molecular Biology
 - a. Prerequisite
 - b. Distance Education
 - c. General Education: Plan A: A; Plan B: B2 + B3; Plan C: 5B + 5C
43. Computer Science 212, Designing and Integrating IoT Devices
 - a. Distance Education
44. Computer Science 215, Advanced Python Programming
 - a. Prerequisite
 - b. Distance Education
45. Criminal Justice Academies 006D, Advanced Controlling Force
 - a. Prerequisite
46. Criminal Justice Academies 006E, Controlling Force – Instructor
 - a. Prerequisite
47. Criminal Justice Academies 058, Effective Law Enforcement Communication
 - a. Prerequisite
48. Dance 107B, Dance Concert Performance – II
 - a. Prerequisite
 - b. Distance Education
49. Dance 107C, Dance Concert Performance – III
 - a. Prerequisite
 - b. Distance Education
50. Dance 107D, Dance Concert Performance – IV
 - a. Prerequisite
 - b. Distance Education
51. Dance 114, Conditioning for Dance
 - a. Distance Education
52. Diesel Electric Transportation Technology 299, Work Experience - Diesel-Electric
 - a. Prerequisite
 - b. Distance Education
53. Library Technology 124, Work Experience - Library Technology
 - a. Prerequisite
 - b. Recommended Preparation
 - c. Distance Education
54. Occupational Therapy Assistant 125, Developing OTA Documentation Skills
 - a. Distance Education
55. Occupational Therapy Assistant 225, OTA Exam Preparation
 - a. Distance Education

Revised Courses

56. Accounting 106, Work Experience – Accounting
 - a. Distance Education

57. Automotive Technology 299, Work Experience – Automotive
 - a. Prerequisite
 - b. Distance Education
58. *Biology 109L, Fundamentals of Biology Laboratory
 - a. Prerequisite
 - b. Corequisite
 - c. FOMA
59. *Biology 139, Health Microbiology
 - a. FOMA
60. *Biology 190, Introduction to Biotechnology
 - a. Distance Education
61. *Biology 202, Cell Culture Techniques
 - a. Prerequisite
 - b. Distance Education
62. *Biology 229, General Microbiology
 - a. Prerequisite
 - b. FOMA
63. Business 103, Work Experience – Business
 - a. Distance Education
64. Child Development 114, Careers in Teaching
 - a. Distance Education
 - b. Cross Listing: CNSL 114
65. Child Development 220, Understanding Child Abuse and Maltreatment-Trauma-Informed Teaching and Care in Early Childhood Settings
 - a. Distance Education
 - b. Cross Listing: CNSL 220
66. Computer Science 113, Advanced Java
 - a. Prerequisite
 - b. Distance Education
67. Computer Science 159, Intro to Machine Learning with Python
 - a. Distance Education
68. Computer Science 167, Microsoft Access
 - a. Distance Education
69. Computer Science 168, MS SQL Database Development
 - a. Distance Education
70. Computer Science 169, Structured Query Language (SQL)
 - a. Distance Education
71. Computer Science 170, Introduction to Oracle
 - a. Distance Education
72. Computer Science 175, CompTIA Security+ Guide to Network Security
 - a. Distance Education
73. Computer Science 213, C# Programming
 - a. Distance Education
74. Counseling 100, Lifelong Understanding and Self-Development
 - a. Distance Education
75. Counseling 114, Careers in Teaching
 - a. Distance Education
 - b. Cross Listing: CDEV 114

76. *Counseling 150, Introduction to Human Services
 - a. Distance Education
 - b. General Education: Plan C: 4
77. Counseling 175, Work Experience-Human Services/Social Work
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
78. Counseling 220, Understanding Child Abuse and Maltreatment-Trauma-Informed Teaching and Care in Early Childhood Settings
 - a. Distance Education
 - b. Cross Listing: CDEV 220
79. Criminal Justice Academies 009B, Fitness for Law Enforcement
80. Criminal Justice Academies 021A, PC 832 Firearms
 - a. Prerequisite
81. Criminal Justice Academies 038A, Less Lethal Weapons Update
 - a. Prerequisite
82. Criminal Justice Academies 039A, First Aid/CPR Refresher
 - a. Prerequisite
83. Criminal Justice Academies 055A, Driving /PSP
 - a. Prerequisite
84. Criminal Justice Academies 055B, Correctional Services Assistant Academy
 - a. Prerequisite
85. Criminal Justice Academies 055D, Sheriff Special Officer Academy
 - a. Prerequisite
86. Criminal Justice Academies 055E, Sheriff Special Officer Transition Course
 - a. Prerequisite
87. Criminal Justice Academies 076B, Canine Agitator Training
88. Criminal Justice Academies 083C, First Aid/CPR/AED Instructor Training
 - a. Prerequisite
89. Criminal Justice Academies 090, Academy Tactical Officer Training
 - a. Prerequisite
90. Criminal Justice Academies 099, Basic Pre-Academy
 - a. Prerequisite
91. Culinary Arts 110, Food Safety and Sanitation
 - a. Distance Education
 - b. Cross Listing: NUTR 110
92. Culinary Arts 190, Food & Beverage Production Management
 - a. Prerequisite
 - b. FOMA
93. Culinary Arts 299, Work Experience Education
 - a. Prerequisite
 - b. Distance Education
94. Dance 107A, Dance Concert Performance – I
 - a. Prerequisite
 - b. Distance Education
95. Dance 201A, Ballet I
 - a. Distance Education – **ONLY**
96. Dance 201B, Ballet II
 - a. Distance Education – **ONLY**

97. Dance 213, Ballet III
 - a. Distance Education – **ONLY**
98. Dance 214, Ballet IV
 - a. Distance Education – **ONLY**
99. Diesel Electric Transportation Technology 115, Heavy Duty Mobile Hydraulics
 - a. Distance Education
100. Diesel Electric Transportation Technology 121, Diesel Engines
 - a. Distance Education
101. Diesel Electric Transportation Technology 131, Transmissions and Drive Train
 - a. Distance Education
102. Diesel Electric Transportation Technology 132, Alternative Fuels, Diesel, Emissions, and Zero Emissions Systems
 - a. Distance Education
103. Diesel Electric Transportation Technology 141, Medium/Heavy Duty Chassis Systems
 - a. Distance Education
104. Diesel Electric Transportation Technology 161, Electrical/Electronic Systems
 - a. Distance Education
105. Diesel Electric Transportation Technology 165, Diesel-Electric Transport Refrigeration
 - a. Distance Education
106. Diesel Electric Transportation Technology 168, High Voltage and Electrical Systems
 - a. Recommended Preparation
 - b. Distance Education
107. Diesel Electric Transportation Technology 171, Heating, Ventilation, and Air Conditioning
 - a. Distance Education
108. Diesel Electric Transportation Technology 181, Introduction to Preventative Maintenance Inspection
 - a. Distance Education
109. Diesel Electric Transportation Technology 201, Introduction to Transit Systems
 - a. Prerequisite
110. Diesel Electric Transportation Technology 202, Transit Preventative Maintenance
 - a. Prerequisite
111. Diesel Electric Transportation Technology 203, Transit Vehicle Electrical Systems
 - a. Prerequisite
112. Diesel Electric Transportation Technology 205, Transit Vehicle Air Brake Systems
 - a. Prerequisite
113. Diesel Electric Transportation Technology 206, Transit Vehicle Automatic Transmissions
 - a. Prerequisite
114. Diesel Electric Transportation Technology 207, Transit Vehicle Engines
 - a. Prerequisite
115. Diesel Electric Transportation Technology 208, Transit Vehicle Heating, Ventilation, Air Conditioning
 - a. Prerequisite
116. Diesel Electric Transportation Technology 209, Transit Vehicle Drive Train Suspension
 - a. Prerequisite
117. Diesel Electric Transportation Technology 210, Transit Vehicle Wheelchair Lifts
 - a. Prerequisite
118. Digital Media 125, Digital Media Work Experience
119. Digital Media 170, Drone Pilot License Test Prep
 - a. Distance Education
120. Digital Media 171, Drone Pilot Training
 - a. Distance Education

121. Digital Media 175, Drone Cinematography & Editing
 - a. Distance Education
122. Digital Media 215, Advanced Single-Camera/Digital Cinema Production
 - a. Recommended Preparation
 - b. Distance Education
123. Digital Media 230A, Beginning News & Sports Production
 - a. Recommended Preparation
 - b. Distance Education
124. Digital Media 230B, Intermediate News & Sports Production
 - a. Recommended Preparation
 - b. Distance Education
125. Digital Media 230C, Advanced News & Sports Production
 - a. Recommended Preparation
 - b. Distance Education
126. Digital Media 230D, Executive News & Sports Production
 - a. Recommended Preparation
 - b. Distance Education
127. Earth Science 110, Planet Earth: Introduction to Earth Science
 - a. Distance Education
128. Earth Science 110H, Planet Earth: Honors Introduction to Earth Science
 - a. Prerequisite
 - b. Honors
 - c. FOMA
129. Engineering 103, Solidworks Beginning Solid Modeling
 - a. Distance Education
 - b. Cross Listing: MNFG 103
130. Engineering 104, Solidworks Intermediate Solid Modeling
 - a. Prerequisite
 - b. Distance Education
 - c. Cross Listing: MNFG 104
131. Engineering 114, Geometric Dimensioning and Tolerancing
 - a. Distance Education
 - b. Cross Listing: MNFG 114
132. *English 101, Freshman Composition
 - a. Prerequisite
 - b. Distance Education
133. *English 101H, Honors Freshman Composition
 - a. Prerequisite
 - b. Honors
 - c. Distance Education
134. *English 220, Survey of the Bible as Literature
 - a. Prerequisite
 - b. Distance Education
135. *English 233A, Shakespeare's Comedies and Romances
 - a. Prerequisite
 - b. Distance Education
136. *English 233B, Shakespeare's Tragedies and History Plays
 - a. Prerequisite
 - b. Distance Education

137. English 233C, Shakespeare's Theatre
 - a. Prerequisite
 - b. Distance Education
138. *English 241, Survey of American Literature 1600-1865
 - a. Prerequisite
 - b. Distance Education
139. *English 243, The Modern American Novel
 - a. Prerequisite
 - b. Distance Education
140. *English 245, The Image of African Americans in Literature and Films
 - a. Prerequisite
 - b. Distance Education
141. English 246, Survey of Chicano Literature
 - a. Prerequisite
 - b. Distance Education
142. *English 271, Survey of World Literature I
 - a. Prerequisite
 - b. Distance Education
143. *English 272, Survey of World Literature II
 - a. Prerequisite
 - b. Distance Education
144. *English 278, Survey of Literature by Women
 - a. Prerequisite
 - b. Distance Education
145. Entrepreneurship 140, Fashion E-Commerce
 - a. Distance Education
 - b. Cross Listing: FDM 140
146. Fashion Design and Merchandising 140, Fashion E-Commerce
 - a. Distance Education
 - b. Cross Listing: ENTR 140
147. Fire Academy 007, Strength and Conditioning for the Fire Service
 - a. Distance Education – **ONLY**
148. Fire Academy 008, Biddle Physical Ability Test (PAT)
 - a. Distance Education – **ONLY**
149. Fire Academy 018B, Beginning Fire Physical Ability Training
 - a. Distance Education
150. Fire Academy 018C, Intermediate Fire Physical Ability Training
 - a. Distance Education
151. Fire Academy 018D, Advanced Fire Physical Ability Training
 - a. Distance Education
152. Fire Academy 031, Fire Specialist Academy, Common Passenger Vehicle Rescue Technician
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
153. Fire Officer Training 130A, Fire Inspector 1A: Duties and Administration
 - a. Distance Education – **ONLY**
154. Fire Officer Training 130C, Fire Inspector 1C: Field Inspection
 - a. Distance Education – **ONLY**
155. Geology 101, Dynamic Earth: Introduction to Geology

- a. Distance Education
- 156. Geology 101L, Dynamic Earth: Introduction to Geology Laboratory
 - a. Corequisite
 - b. FOMA
- 157. Geology 112, Earthquakes
 - a. Distance Education
- 158. Geology 173, Geologic Field Studies of Death Valley
- 159. Geology 174, Geologic Field Studies of Joshua Tree National Park
- 160. Manufacturing Technology 103, Solidworks Beginning Solid Modeling
 - a. Distance Education
 - b. Cross Listing: ENGR 103
- 161. Manufacturing Technology 104, Solidworks Intermediate Solid Modeling
 - a. Prerequisite
 - b. Distance Education
 - c. Cross Listing: ENGR 104
- 162. Manufacturing Technology 114, Geometric Dimensioning and Tolerancing
 - a. Distance Education
 - b. Cross Listing: ENGR 114
- 163. Manufacturing Technology 171, CNC Program Writing
 - a. Recommended Preparation
 - b. Distance Education
- 164. Manufacturing Technology 174, CNC Milling Center Set Up and Operation
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
- 165. Manufacturing Technology 176, CNC Turning Center Set Up and Operation
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
- 166. Manufacturing Technology 177, Mastercam – 3D Toolpath and CAM Applications
 - a. Prerequisite
 - b. Distance Education
- 167. Manufacturing Technology 186, Advanced CNC Lathe Programming, Setup and Operation
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
- 168. Manufacturing Technology 194, CNC Horizontal Mill Setup and Operation
 - a. Prerequisite
 - b. Corequisite
 - c. Distance Education
- 169. Manufacturing Technology 195, Mastercam 5 Axis Mill Toolpath and Application
 - a. Prerequisite
 - b. Distance Education
- 170. *Mathematics 150, Calculus for Biological, Management and Social Sciences
 - a. Prerequisite
 - b. Distance Education
- 171. Medical Assistant 001, Work Experience - Medical Assistant
 - a. Prerequisite
 - b. Distance Education

- 172. Nutrition and Food 110, Food Safety and Sanitation
 - a. Distance Education
 - b. Cross Listing: CULN 110
- 173. Nutrition and Food 112, Food Service Nutrition
 - a. Distance Education
- 174. *Nutrition and Food 115, Nutrition
 - a. Distance Education
- 175. Nutrition and Food 115H, Honors Nutrition
 - a. Prerequisite
 - b. Honors
 - c. Distance Education
- 176. Paralegal 105, Work Experience – CLIRRC
 - a. Distance Education
- 177. Paralegal 299, Work Experience – Paralegal
 - a. Distance Education
- 178. *Philosophy 110, Critical Thinking
 - a. Prerequisite
 - b. Distance Education
- 179. Philosophy 110H, Honors Critical Thinking
 - a. Prerequisite
 - b. Honors
 - c. Distance Education
- 180. Photography 196, Commercial Photography
 - a. Prerequisite
 - b. Distance Education
- 181. Photography 294, Color Photographic Expression
 - a. Prerequisite
 - b. Distance Education
- 182. Theatre Arts 150A, Rehearsal and Performance in Production
 - a. Distance Education
- 183. Theatre Arts 150B, Technical Theatre in Production
 - a. Distance Education
- 184. Theatre Arts 169, Work Experience – Theatre
 - b. Distance Education
- 185. Vocational – Business 240, Practical Computer & Internet Skills for Parents & Guardians – Noncredit
 - a. Distance Education
- 186. *Vocational – Business 262, MS Excel – Noncredit
 - a. Recommended Preparation
 - b. Distance Education
 - c. Correspondence Education
- 187. *Vocational – Business 303, Adobe Photoshop – Noncredit
 - a. Recommended Preparation
 - b. Distance Education
 - c. Correspondence Education
- 188. *Vocational – Business 304, MS PowerPoint – Noncredit
 - a. Recommended Preparation
 - b. Distance Education
 - c. Correspondence Education

189. Vocational – Business 501, Digital Literacy for Academic and Professional Success - Tier 2 – Noncredit
 - a. Recommended Preparation
 - b. Distance Education
 - c. Correspondence Education
190. Vocational – Business 502, Digital Literacy for Academic and Professional Success - Tier 3 – Noncredit
 - a. Recommended Preparation
 - b. Distance Education
 - c. Correspondence Education
191. Vocational – Business 503, Digital Literacy for Real World Application – Tier 4 – Noncredit
 - a. Recommended Preparation
 - b. Distance Education
 - c. Correspondence Education

New Programs

192. Information Technology (IT) Basics Certificate of Completion – Noncredit

Revised Programs

193. Agency Film Production Certificate of Achievement
194. Associate in Arts in Apparel Product Development and Technical Design
195. Associate in Arts in Broadcast Journalism
196. Associate in Arts in Fashion Merchandising
197. Associate in Arts in Journalism for Transfer
198. Associate in Science in Automotive Technology
199. Associate in Science in Biological Science
200. Associate in Science in Electric Heavy-Duty Vehicles
201. Associate in Science in Engineering CAD Drafting
202. Associate in Science in Engineering Civil Drafting and Design
203. Associate in Science in Engineering Civil Technology
204. Associate in Science in Engineering Mechanical Drafting and Design
205. Associate in Science in Medical Assistant - Administrative / Clinical
206. Associate in Science in Medium/Heavy Truck Technology
207. Associate in Science in Science Degree - Biology Emphasis
208. Automotive Manufacturer Exploration Certificate of Achievement
209. Chassis Service Option Certificate of Achievement
210. Electric Heavy-Duty Vehicle Service Certificate of Achievement
211. Engine Performance Option Certificate of Achievement
212. Engine Service Option Certificate of Achievement
213. Engineering CAD Drafting Certificate of Achievement
214. Engineering Civil Drafting and Design Certificate of Achievement
215. Engineering Civil Technology Certificate of Achievement
216. Engineering Mechanical Drafting and Design Certificate of Achievement
217. Fashion Merchandising Certificate of Achievement
218. General Office Clerk Certificate of Completion – Noncredit
219. Introduction to Baking & Pastry Tier 1 Certificate of Completion – Noncredit
220. Introduction to Baking & Pastry Tier 2 Certificate of Completion – Noncredit
221. Introduction to Digital Media Certificate of Completion – Noncredit
222. Journalism and Media Studies Certificate of Achievement
223. Legal Office Interpreting Spanish Certificate of Achievement
224. Lighting Design and Technology Certificate of Achievement

- 225. Media Theory Certificate of Achievement
- 226. Medical Assistant - Administrative / Clinical Certificate of Achievement
- 227. Medium/Heavy Truck Service Certificate of Achievement
- 228. Multimedia Journalism Certificate of Achievement
- 229. Public Relations Certificate of Achievement
- 230. Screenwriting Certificate of Achievement
- 231. Transit Bus Maintenance Certificate of Proficiency
- 232. Transport Refrigeration/Temperature Control Certificate of Proficiency
- 233. Writing for Media Certificate of Achievement