



# CURRICULUM and INSTRUCTION COUNCIL AGENDA

Monday, November 13, 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

- I. **Approval of Additions or Corrections to Agenda**
- II. **Public Comments** (Three-minute time limit)
- III. **Approval of Minutes** (Refer to Minutes from October 30, 2023)
- IV. **Curriculum**
- V. **CIC Chair's Report**
- VI. **Intend to Apply for a Bachelor's Degree in Automotive Transportation Technology**
- VII. **Workgroup Reports: Written Submissions**
- VIII. **Division Reports**
- IX. **Announcements**
- X. **Other**

#### **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 (1<sup>st</sup> READINGS)**

#### **New Courses**

1. 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
2. Computer Science 212, Designing and Integrating IoT Devices
  - a. Distance Education
3. Computer Science 215, Advanced Python Programming
  - a. Prerequisite
  - b. Distance Education
4. Criminal Justice Academies 006D, Advanced Controlling Force
  - a. Prerequisite
  - b. Distance Education
5. Criminal Justice Academies 006E, Controlling Force - Instructor
  - a. Prerequisite
  - b. Distance Education
6. Criminal Justice Academies 058, Effective Law Enforcement Communication
  - a. Prerequisite
  - b. Distance Education
7. Dance 107B, Dance Concert Performance – II
  - a. Prerequisite
  - b. Distance Education
8. Dance 107C, Dance Concert Performance – III
  - a. Prerequisite
  - b. Distance Education
9. Dance 107D, Dance Concert Performance – IV
  - a. Prerequisite
  - b. Distance Education
10. Dance 114, Conditioning for Dance
  - a. Distance Education
11. Occupational Therapy Assistant 125, Developing OTA Documentation Skills
  - a. Distance Education
12. Occupational Therapy Assistant 225, OTA Exam Preparation
  - a. Distance Education

#### **Revised Courses**

13. \*Biology 109L, Fundamentals of Biology Laboratory
  - a. Prerequisite
  - b. Corequisite
  - c. FOMA
14. \*Biology 139, Health Microbiology
  - a. FOMA
15. \*Biology 190, Introduction to Biotechnology
  - a. Distance Education
16. \*Biology 202, Cell Culture Techniques
  - a. Prerequisite
  - b. Distance Education

17. \*Biology 229, General Microbiology
  - a. Prerequisite
  - b. FOMA
18. Child Development 114, Careers in Teaching
  - a. Distance Education
  - b. Cross Listing: CNSL 114
19. 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
20. Computer Science 113, Advanced Java
  - a. Prerequisite
  - b. Distance Education
21. Computer Science 159, Intro to Machine Learning with Python
  - a. Distance Education
22. Computer Science 167, Microsoft Access
  - a. Distance Education
23. Computer Science 168, MS SQL Database Development
  - a. Distance Education
24. Computer Science 169, Structured Query Language (SQL)
  - a. Distance Education
25. Computer Science 170, Introduction to Oracle
  - a. Distance Education
26. Computer Science 175, CompTIA Security+ Guide to Network Security
  - a. Distance Education
27. Computer Science 213, C# Programming
  - a. Distance Education
28. Counseling 100, Lifelong Understanding and Self-Development
  - a. Distance Education
29. Counseling 114, Careers in Teaching
  - a. Distance Education
  - b. Cross Listing: CDEV 114
30. \*Counseling 150, Introduction to Human Services
  - a. Distance Education
  - b. General Education: Plan C: 4
31. Counseling 220, Understanding Child Abuse and Maltreatment-Trauma-Informed Teaching and Care in Early Childhood Settings
  - a. Distance Education
  - b. Cross Listing: CDEV 220
32. Criminal Justice Academies 009B, Fitness for Law Enforcement
  - a. Distance Education
33. Criminal Justice Academies 021A, PC 832 Firearms
  - a. Prerequisite
  - b. Distance Education
34. Criminal Justice Academies 038A, Less Lethal Weapons Update
  - a. Prerequisite
  - b. Distance Education
35. Criminal Justice Academies 039A, First Aid/CPR Refresher
  - a. Prerequisite
  - b. Distance Education

36. Criminal Justice Academies 055A, Driving /PSP
  - a. Prerequisite
  - b. Distance Education
37. Criminal Justice Academies 055B, Correctional Services Assistant Academy
  - a. Prerequisite
  - b. Distance Education
38. Criminal Justice Academies 055D, Sheriff Special Officer Academy
  - a. Prerequisite
  - b. Distance Education
39. Criminal Justice Academies 055E, Sheriff Special Officer Transition Course
  - a. Prerequisite
  - b. Distance Education
40. Criminal Justice Academies 076B, Canine Agitator Training
  - a. Distance Education
41. Criminal Justice Academies 083C, First Aid/CPR/AED Instructor Training
  - a. Prerequisite
  - b. Distance Education
42. Criminal Justice Academies 090, Academy Tactical Officer Training
  - a. Prerequisite
  - b. Distance Education
43. Criminal Justice Academies 099, Basic Pre-Academy
  - a. Prerequisite
  - b. Distance Education
44. Culinary Arts 110, Food Safety and Sanitation
  - a. Distance Education
  - b. Cross Listing: NUTR 110
45. Culinary Arts 190, Food & Beverage Production Management
  - a. Prerequisite
  - b. FOMA
46. Dance 201A, Ballet I
  - a. Distance Education – **ONLY**
47. Dance 201B, Ballet II
  - a. Distance Education – **ONLY**
48. Dance 213, Ballet III
  - a. Distance Education – **ONLY**
49. Dance 214, Ballet IV
  - a. Distance Education – **ONLY**
50. Diesel Electric Transportation Technology 115, Heavy Duty Mobile Hydraulics
  - a. Distance Education
51. Diesel Electric Transportation Technology 121, Diesel Engines
  - a. Distance Education
52. Diesel Electric Transportation Technology 131, Transmissions and Drive Train
  - a. Distance Education
53. Diesel Electric Transportation Technology 132, Alternative Fuels, Diesel, Emissions, and Zero Emissions Systems
  - a. Distance Education
54. Diesel Electric Transportation Technology 141, Medium/Heavy Duty Chassis Systems
  - a. Distance Education
55. Diesel Electric Transportation Technology 161, Electrical/Electronic Systems
  - a. Distance Education

56. Diesel Electric Transportation Technology 165, Diesel-Electric Transport Refrigeration
  - a. Distance Education
57. Diesel Electric Transportation Technology 168, High Voltage and Electrical Systems
  - a. Recommended Preparation
  - b. Distance Education
58. Diesel Electric Transportation Technology 171, Heating, Ventilation, and Air Conditioning
  - a. Distance Education
59. Diesel Electric Transportation Technology 181, Introduction to Preventative Maintenance Inspection
  - a. Distance Education
60. Diesel Electric Transportation Technology 201, Introduction to Transit Systems
  - a. Prerequisite
61. Diesel Electric Transportation Technology 202, Transit Preventative Maintenance
  - a. Prerequisite
62. Diesel Electric Transportation Technology 203, Transit Vehicle Electrical Systems
  - a. Prerequisite
63. Diesel Electric Transportation Technology 205, Transit Vehicle Air Brake Systems
  - a. Prerequisite
64. Diesel Electric Transportation Technology 206, Transit Vehicle Automatic Transmissions
  - a. Prerequisite
65. Diesel Electric Transportation Technology 207, Transit Vehicle Engines
  - a. Prerequisite
66. Diesel Electric Transportation Technology 208, Transit Vehicle Heating, Ventilation, Air Conditioning
  - a. Prerequisite
67. Diesel Electric Transportation Technology 209, Transit Vehicle Drive Train Suspension
  - a. Prerequisite
68. Diesel Electric Transportation Technology 210, Transit Vehicle Wheelchair Lifts
  - a. Prerequisite
69. Digital Media 170, Drone Pilot License Test Prep
  - a. Distance Education
70. Digital Media 171, Drone Pilot Training
  - a. Distance Education
71. Digital Media 175, Drone Cinematography & Editing
  - a. Distance Education
72. Digital Media 215, Advanced Single-Camera/Digital Cinema Production
  - a. Recommended Preparation
  - b. Distance Education
73. Digital Media 230A, Beginning News & Sports Production
  - a. Recommended Preparation
  - b. Distance Education
74. Digital Media 230B, Intermediate News & Sports Production
  - a. Recommended Preparation
  - b. Distance Education
75. Digital Media 230C, Advanced News & Sports Production
  - a. Recommended Preparation
  - b. Distance Education
76. Digital Media 230D, Executive News & Sports Production
  - a. Recommended Preparation
  - b. Distance Education

77. Dance 107A, Dance Concert Performance – I
  - a. Prerequisite
  - b. Distance Education
78. Engineering 103, Solidworks Beginning Solid Modeling
  - a. Distance Education
  - b. Cross Listing: MNFG 103
79. Engineering 104, Solidworks Intermediate Solid Modeling
  - a. Prerequisite
  - b. Distance Education
  - c. Cross Listing: MNFG 104
80. Engineering 114, Geometric Dimensioning and Tolerancing
  - a. Distance Education
  - b. Cross Listing: MNFG 114
81. \*English 101, Freshman Composition
  - a. Prerequisite
  - b. Distance Education
82. \*English 101H, Honors Freshman Composition
  - a. Prerequisite
  - b. Distance Education
83. \*English 220, Survey of the Bible as Literature
  - a. Prerequisite
  - b. Distance Education
84. \*English 233A, Shakespeare’s Comedies and Romances
  - a. Prerequisite
  - b. Distance Education
85. \*English 233B, Shakespeare’s Tragedies and History Plays
  - a. Prerequisite
  - b. Distance Education
86. English 233C, Shakespeare’s Theatre
  - a. Prerequisite
  - b. Distance Education
87. \*English 241, Survey of American Literature 1600-1865
  - a. Prerequisite
  - b. Distance Education
88. \*English 243, The Modern American Novel
  - a. Prerequisite
  - b. Distance Education
89. \*English 245, The Image of African Americans in Literature and Films
  - a. Prerequisite
  - b. Distance Education
90. English 246, Survey of Chicano Literature
  - a. Prerequisite
  - b. Distance Education
91. \*English 271, Survey of World Literature I
  - a. Prerequisite
  - b. Distance Education
92. \*English 272, Survey of World Literature II
  - a. Prerequisite
  - b. Distance Education

93. \*English 278, Survey of Literature by Women
  - a. Prerequisite
  - b. Distance Education
94. Entrepreneurship 140, Fashion E-Commerce
  - a. Distance Education
  - b. Cross Listing: FDM 140
95. Earth Science 110, Planet Earth: Introduction to Earth Science
  - a. Distance Education
96. Earth Science 110H, Planet Earth: Honors Introduction to Earth Science
  - a. Prerequisite
  - b. Honors
  - c. FOMA
97. Fashion Design and Merchandising 140, Fashion E-Commerce
  - a. Distance Education
  - b. Cross Listing: ENTR 140
98. Fire Academy 007, Strength and Conditioning for the Fire Service
  - a. Distance Education – **ONLY**
99. Fire Academy 008, Biddle Physical Ability Test (PAT)
  - a. Distance Education – **ONLY**
100. Fire Academy 018B, Beginning Fire Physical Ability Training
  - a. Distance Education
101. Fire Academy 018C, Intermediate Fire Physical Ability Training
  - a. Distance Education
102. Fire Academy 018D, Advanced Fire Physical Ability Training
  - a. Distance Education
103. Fire Academy 031, Fire Specialist Academy, Common Passenger Vehicle Rescue Technician
  - a. Prerequisite
  - b. Corequisite
  - c. Distance Education
104. Fire Officer Training 130A, Fire Inspector 1A: Duties and Administration
  - a. Distance Education – **ONLY**
105. Fire Officer Training 130C, Fire Inspector 1C: Field Inspection
  - a. Distance Education – **ONLY**
106. Geology 101, Dynamic Earth: Introduction to Geology
  - a. Distance Education
107. Geology 101L, Dynamic Earth: Introduction to Geology Laboratory
  - a. Corequisite
  - b. FOMA
108. Geology 112, Earthquakes
  - a. Distance Education
109. Geology 173, Geologic Field Studies of Death Valley
110. Geology 174, Geologic Field Studies of Joshua Tree National Park
111. \*Mathematics 150, Calculus for Biological, Management and Social Sciences
  - a. Prerequisite
  - b. Distance Education
112. Manufacturing Technology 103, Solidworks Beginning Solid Modeling
  - a. Distance Education
  - b. Cross Listing: ENGR 103



113. Manufacturing Technology 104, Solidworks Intermediate Solid Modeling
  - a. Prerequisite
  - b. Distance Education
  - c. Cross Listing: ENGR 104
114. Manufacturing Technology 114, Geometric Dimensioning and Tolerancing
  - a. Distance Education
  - b. Cross Listing: ENGR 114
115. Manufacturing Technology 171, CNC Program Writing
  - a. Recommended Preparation
  - b. Distance Education
116. Manufacturing Technology 174, CNC Milling Center Set Up and Operation
  - a. Prerequisite
  - b. Corequisite
  - c. Distance Education
117. Manufacturing Technology 176, CNC Turning Center Set Up and Operation
  - a. Prerequisite
  - b. Corequisite
  - c. Distance Education
118. Manufacturing Technology 177, Mastercam – 3D Toolpath and CAM Applications
  - a. Prerequisite
  - b. Distance Education
119. Manufacturing Technology 186, Advanced CNC Lathe Programming, Setup and Operation
  - a. Prerequisite
  - b. Corequisite
  - c. Distance Education
120. Manufacturing Technology 194, CNC Horizontal Mill Setup and Operation
  - a. Prerequisite
  - b. Corequisite
  - c. Distance Education
121. Manufacturing Technology 195, Mastercam 5 Axis Mill Toolpath and Application
  - a. Prerequisite
  - b. Distance Education
122. Nutrition and Food 110, Food Safety and Sanitation
  - a. Distance Education
  - b. Cross Listing: CULN 110
123. Nutrition and Food 112, Food Service Nutrition
  - a. Distance Education
124. \*Nutrition and Food 115, Nutrition
  - a. Distance Education
125. Nutrition and Food 115H, Honors Nutrition
  - a. Prerequisite
  - b. Honors
  - c. Distance Education
126. \*Philosophy 110, Critical Thinking
  - a. Prerequisite
  - b. Distance Education
127. Philosophy 110H, Honors Critical Thinking
  - a. Prerequisite
  - b. Honors
  - c. Distance Education

- 128. Photography 196, Commercial Photography
  - a. Prerequisite
  - b. Distance Education
- 129. Photography 294, Color Photographic Expression
  - a. Prerequisite
  - b. Distance Education
- 130. Theatre Arts 150A, Rehearsal and Performance in Production
  - a. Distance Education
- 131. Theatre Arts 150B, Technical Theatre in Production
  - a. Distance Education
- 132. Vocational – Business 240, Practical Computer & Internet Skills for Parents & Guardians – Noncredit
  - a. Distance Education
- 133. \*Vocational – Business 262, MS Excel – Noncredit
  - a. Recommended Preparation
  - b. Distance Education
  - c. Correspondence Education
- 134. \*Vocational – Business 303, Adobe Photoshop – Noncredit
  - a. Recommended Preparation
  - b. Distance Education
  - c. Correspondence Education
- 135. \*Vocational – Business 304, MS PowerPoint – Noncredit
  - a. Recommended Preparation
  - b. Distance Education
  - c. Correspondence Education
- 136. Vocational – Business 503, Digital Literacy for Real World Application – Tier 4 – Noncredit
  - a. Recommended Preparation
  - b. Distance Education
  - c. Correspondence Education

### **New and Revised Work Experience Courses**

- 137. Accounting 106, Work Experience – Accounting
  - a. Distance Education
- 138. Accounting 126, Work Experience – VITA
  - a. Distance Education
- 139. Automotive Technology 299, Work Experience – Automotive
  - a. Prerequisite
  - b. Distance Education
- 140. Business 103, Work Experience – Business
  - a. Distance Education
- 141. Counseling 175, Work Experience-Human Services/Social Work
  - a. Prerequisite
  - b. Corequisite
  - c. Distance Education
- 142. Culinary Arts 299, Work Experience Education
  - a. Prerequisite
  - b. Distance Education

- 143. Diesel Electric Transportation Technology 299, Work Experience - Diesel-Electric
  - a. Prerequisite
  - b. Distance Education
- 144. Digital Media 125, Digital Media Work Experience
- 145. Library Technology 124, Work Experience - Library Technology
  - a. Prerequisite
  - b. Recommended Preparation
  - c. Distance Education
- 146. Medical Assistant 001, Work Experience - Medical Assistant
  - a. Prerequisite
  - b. Distance Education
- 147. Paralegal 105, Work Experience – Paralegal
  - a. Distance Education
- 148. Paralegal 299, Work Experience – Paralegal
  - a. Distance Education
- 149. Theatre Arts 169, Work Experience – Theatre
  - a. Distance Education

## **New Programs**

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

## **Revised Programs**

- 151. Agency Film Production Certificate of Achievement
- 152. Associate in Arts in Apparel Product Development and Technical Design
- 153. Associate in Arts in Broadcast Journalism
- 154. Associate in Arts in Journalism for Transfer
- 155. Associate in Arts in Fashion Merchandising
- 156. Associate in Science in Automotive Technology
- 157. Associate in Science in Biological Science
- 158. Associate in Science in Electric Heavy-Duty Vehicles
- 159. Associate in Science in Engineering CAD Drafting
- 160. Associate in Science in Engineering Civil Drafting and Design
- 161. Associate in Science in Engineering Civil Technology
- 162. Associate in Science in Engineering Mechanical Drafting and Design
- 163. Associate in Science in Medium/Heavy Truck Technology
- 164. Associate in Science in Science Degree - Biology Emphasis
- 165. Automotive Manufacturer Exploration Certificate of Achievement
- 166. Chassis Service Option Certificate of Achievement
- 167. Electric Heavy-Duty Vehicle Service Certificate of Achievement
- 168. Engine Performance Option Certificate of Achievement
- 169. Engine Service Option Certificate of Achievement
- 170. Engineering CAD Drafting Certificate of Achievement
- 171. Engineering Civil Drafting and Design Certificate of Achievement
- 172. Engineering Civil Technology Certificate of Achievement
- 173. Engineering Mechanical Drafting and Design Certificate of Achievement
- 174. Fashion Merchandising Certificate of Achievement
- 175. General Office Clerk Certificate of Completion – Noncredit
- 176. Introduction to Baking & Pastry Tier 1 Certificate of Completion – Noncredit
- 177. Introduction to Baking & Pastry Tier 2 Certificate of Completion – Noncredit
- 178. Introduction to Digital Media Certificate of Completion – Noncredit

179. Journalism and Media Studies Certificate of Achievement
180. Lighting Design and Technology Certificate of Achievement
181. Media Theory Certificate of Achievement
182. Medium/Heavy Truck Service Certificate of Achievement
183. Multimedia Journalism Certificate of Achievement
184. Public Relations Certificate of Achievement
185. Screenwriting Certificate of Achievement
186. Transit Bus Maintenance Certificate of Proficiency
187. Transport Refrigeration/Temperature Control Certificate of Proficiency
188. Writing for Media Certificate of Achievement

IV.c. **CURRICULUM ITEMS**  
**ACTION ITEMS (2<sup>nd</sup> READINGS)**

**New Courses**

- 189. Computer Science 126, Web Frameworks Architect
  - a. Distance Education
- 190. Communication Studies 113, Introduction to Storytelling
  - a. Distance Education
  - b. General Education: Plan A: Oral Communication Requirement; Plan B: A1; Plan C: 1C
- 191. Fashion Design and Merchandising 082, Screen Printing Advanced Techniques
  - a. Recommended Preparation
  - b. Distance Education
- 192. Law 143, Legal Interpretation and Translation Vietnamese/English
  - a. Distance Education
  - b. Cross Listing: BA 143
- 193. Management 111, Principles of Retailing
  - a. Distance Education
  - b. Cross Listing: MKTG 111
- 194. Parent Education 151, Building Study & Portfolio Writing Skills for Early Care Educators I – Noncredit
  - a. Corequisite
  - b. Distance Education

**Revised Courses**

- 195. Accounting 032, Payroll Accounting
  - a. Distance Education
- 196. \*Accounting 101, Financial Accounting
  - a. Distance Education
- 197. Accounting 104, Federal and California Taxes
  - a. Distance Education
- 198. Accounting 108, Tax Practices and Procedures
  - a. Distance Education
- 199. Accounting 113, Intermediate Income Taxes – Corporations
  - a. Distance Education
- 200. Accounting 114, Intermediate Income Taxes - Partnerships and LLCs
  - a. Distance Education
- 201. Accounting 125, Volunteer Income Tax Assistance (VITA) I
  - a. Recommended Preparation
  - b. Distance Education
- 202. \*American Sign Language 210, American Sign Language III
  - a. Prerequisite
  - b. Distance Education
- 203. Automotive Technology 112, Automatic Transmissions and Transaxles
  - a. Distance Education – **ONLY**
- 204. Automotive Technology 113, Manual Drive Train and Axles
  - a. Distance Education – **ONLY**
- 205. Business Applications 133, Legal Interpretation and Translation - Spanish / English
  - a. Distance Education
  - b. Cross Listing: LAW 133

- 206. Business Applications 143, Legal Interpretation and Translation - Vietnamese / English
  - a. Distance Education
  - b. Cross Listing: LAW 143
- 207. Business Applications 153, Social Media Apps for Employment and Business
  - a. Distance Education
- 208. Business Applications 154, Search Engine Optimization and Web Statistics Apps for Business
  - a. Distance Education
- 209. Business Applications 181, Everyone Can Code with Apple
  - a. Distance Education
- 210. \*Business 100, Fundamentals of Business
  - a. Distance Education
- 211. Business 101, Business Law
  - a. Distance Education
- 212. \*Business 105, Legal Environment of Business
  - a. Distance Education
  - b. Cross Listing: LAW 105
- 213. Business 106, Culture and International Business - Kiss, Bow or Shake Hands
  - a. Distance Education
- 214. \*Business 120, Principles of Management
  - a. Distance Education
  - b. Cross Listing: MGMT 120
- 215. \*Business 121, Human Relations and Organizational Behavior
  - a. Distance Education
  - b. Cross Listing: MGMT 121
- 216. Business 125, Introduction to International Business
  - a. Distance Education
- 217. \*Business 130, Personal Finance
  - a. Prerequisite
  - b. Distance Education
- 218. Business 140, Principles of Finance
  - a. Distance Education
- 219. Business 160, Introduction to Stock and Bond Investments
  - a. Distance Education
- 220. \*Computer Science 100, The Computer and Society
  - a. Distance Education
- 221. \*Computer Science 105, Visual BASIC Programming
  - a. Distance Education
- 222. \*Computer Science 112, Java Programming
  - a. Distance Education
- 223. Computer Science 114, Python Programming
  - a. Distance Education
- 224. Computer Science 117, Linux Programming
  - a. Distance Education
- 225. Computer Science 118, JavaScript Programming
  - a. Distance Education
- 226. Computer Science 134, Microsoft Windows Operating System
  - a. Distance Education
- 227. Computer Science 152, HTML
  - a. Distance Education

- 228. Computer Science 158, Intro to Artificial Intelligence
  - a. Distance Education
- 229. Computer Science 160, Intro to Deep Learning, Neural Networks with Keras and PyTorch
  - a. Distance Education
- 230. Computer Science 173, Introduction to Networking Technology
  - a. Distance Education
- 231. Computer Science 247, Windows Server Operating System
  - a. Distance Education
- 232. Computer Science 248, Microsoft SQL Server
  - a. Distance Education
- 233. Dance 102, Introduction to Dance Forms
  - a. Distance Education
- 234. Dance 105, World Dance and Cultures
  - a. Distance Education
- 235. \*Dance 106A, Introduction to Modern Dance – I
  - a. Distance Education
- 236. \*Dance 106B, Introduction to Modern Dance – II
  - a. Distance Education
- 237. \*Dance 108A, Introduction to Ballet – I
  - a. Distance Education
- 238. \*Dance 108B, Introduction to Ballet – II
  - a. Distance Education
- 239. Dance 180, Professional Studio Practices
  - a. Recommended Preparation
  - b. Distance Education
- 240. \*English 213, Creative Writing
  - a. Prerequisite
  - b. Distance Education
- 241. Entrepreneurship 105, Social Media and Digital Marketing Strategies
  - a. Distance Education
- 242. Fashion Design and Merchandising 100, Introduction to the Fashion Industry
  - a. Distance Education
- 243. Fashion Design and Merchandising 105A, Beginning Sewing
  - a. Distance Education
- 244. Fashion Design and Merchandising 108, RTW Apparel Quality and Construction Analysis
  - a. Distance Education
- 245. High School Subjects 229, Skills for Success – Noncredit
  - a. Distance Education
- 246. \*High School Subjects – Math 163, Algebra 1A – Noncredit
  - a. Distance Education
- 247. \*High School Subjects – Math 164, Algebra 1B – Noncredit
  - a. Recommended preparation
  - b. Distance Education
- 248. \*High School Subjects – Math 166, Algebra 2B – Noncredit
  - a. Recommended preparation
  - b. Distance Education
- 249. \*High School Subjects – Math 167, Geometry A – Noncredit
  - a. Distance Education

- 250. \*High School Subjects – Math 168, Geometry B – Noncredit
  - a. Recommended Preparation
  - b. Distance Education
- 251. Journalism and Media Studies 210, Public Affairs Reporting
  - a. Prerequisite
  - b. Distance Education
- 252. Law 105, Legal Environment of Business
  - a. Distance Education
  - b. Cross Listing: Business 105
- 253. Law 121, Legal Ethical Reasoning
  - a. Distance Education
  - b. Cross Listing: PARA 121
- 254. Law 133, Legal Interpretation and Translation Spanish/English
  - a. Distance Education
  - b. Cross Listing: BA 133
- 255. Library Technology 054, Children's Library Services
  - a. Distance Education
- 256. Library Technology 110, Library Technical Services
  - a. Distance Education
- 257. Library Technology 122, Library Public Services
  - a. Distance Education
- 258. \*Management 120, Principles of Management
  - a. Distance Education
  - b. Cross Listing: BUS 120
- 259. \*Management 121, Human Relations and Organizational Behavior
  - a. Distance Education
  - b. Cross Listing: BUS 121
- 260. Marketing 111, Principles of Retailing
  - a. Distance Education
  - b. Cross Listing: MGMT 111
- 261. Mathematics 204L, Mathematics Content for Elementary Math Teachers (Lab)
  - a. Corequisite
  - b. Distance Education
- 262. \*Mathematics 280, Intermediate Calculus
  - a. Prerequisite
  - b. Distance Education
- 263. \*Mathematics 287, Introduction to Linear Algebra and Differential Equations
  - a. Prerequisite
  - b. Distance Education
- 264. Paralegal 121, Legal Ethical Reasoning
  - a. Distance Education
  - b. Cross Listing: LAW 121
- 265. Theatre Arts 255, Motion Picture Performance Production
  - a. Distance Education
- 266. Vocational – Business 501, Digital Literacy for Academic and Professional Success - Tier 2 – Noncredit
  - a. Recommended Preparation
  - b. Distance Education
  - c. Correspondence Education



- 267. Vocational – Business 502, Digital Literacy for Academic and Professional Success - Tier 3 – Noncredit
  - a. Recommended Preparation
  - b. Distance Education
  - c. Correspondence Education
- 268. Welding 101, Introduction to Welding
  - a. Distance Education
- 269. Welding 125, Intermediate Electric Arc Welding
  - a. Recommended Preparation
  - b. Distance Education
- 270. Welding 153, Math/Blueprint Reading for Welders
  - a. Distance Education
- 271. Welding 155, Metal Fabrication
  - a. Recommended Preparation
  - b. Distance Education
- 272. Welding 177, Welding Metallurgy
  - a. Distance Education
- 273. Welding 181, Pipe Welding Fundamentals
  - a. Recommended Preparation
  - b. Distance Education
- 274. Welding 182, Intermediate Pipe Welding
  - a. Recommended Preparation
  - b. Distance Education
- 275. Welding 225, Advanced Electric Arc Welding
  - a. Recommended Preparation
  - b. Distance Education
- 276. Welding 232, Advanced Gas Tungsten Arc Welding
  - a. Recommended Preparation
  - b. Distance Education
- 277. Welding 244, Welding Certification D1.1 Code Clinic
  - a. Distance Education
- 278. Welding 282, Advanced Pipe Welding
  - a. Recommended Preparation
  - b. Distance Education

### **New Programs**

- 279. Associate in Arts in Social Work and Human Services for Transfer
- 280. Automotive Applied Skills Certificate of Achievement
- 281. Photojournalism Certificate of Achievement

### **Revised Programs**

- 282. Associate in Arts in Fashion Design
- 283. Associate in Arts in Journalism and Media Studies Degree
- 284. Associate in Science in Mathematics
- 285. Associate in Science in Mathematics for Transfer