ACCT 116B Managerial Accounting
PRE: ACCT 116A
ACCT 125 Government & Not-for-Profit Accounting
PRE: ACCT 116A
ACCT 128B Small Business Accounting - Payroll
PRE: ACCT 128A
ACCT 135 Principles of Auditing
PRE: ACCT 116A
ACCT 201A Intermediate Accounting I
PRE: ACCT 116A
ACCT 201B Intermediate Accounting II
PRE: ACCT 201A
ADJU 300A First Aid
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 304A Intermediate Traffic Accident Investigation
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 305A Advanced Traffic Accident Investigation
PRE: ADJU 304A
ADJU 307A Traffic Enforcement Radar Certification
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 312A Basic Supervisory Course
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 322A Basic Traffic Accident Investigation
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 324A BSCC Certified Supplemental Core Course
PRE: ADJU 381 or POST Certification & ADJU 382 or POST Certification & ADJU 383 or POST Certification & ADJU 384 or POST Certification
ADJU 330A POST Certified Field Training Officer Course
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 332A POST Certified Driving Under the Influence Course
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 333B POST Certified Firearms Instructors Course
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 345S Forensic Evidence Technician (FET)
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 348A Essentials of Investigation
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 351A Chemical Agents Training for Peace Officers
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 359 Field Training Officer Update
PRE: ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 361D Defensive Tactics Building Searches
PRE: ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 361L Less-Lethal Munitions Training (LLMT)
PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 361M Less-Lethal/Taser Training
PRE: ADJU 323A or ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 361R Regional Officer Training
PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 361S Continuing Professional Training for Sheriff Deputies
PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 365A Officer Training Academy Module 1
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 365B Officer Training Academy Module 2
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 365C Officer Training Academy Module 3
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 365D Officer Training Academy Module 4
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 367A Defensive Tactics Instructor
PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 378A Academy Instructor Certification Course (AICC)
PRE: ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 382A POST Certified Regional Academy Module 1
PRE: ADJU 381 & ADJU 382 & ADJU 383 & ADJU 384
ADJU 382B POST Certified Regional Academy Module 2
PRE: ADJU 381
ADJU 382C POST Certified Regional Academy Module 3
PRE: ADJU 381
ADJU 382D POST Certified Regional Academy Module 4
PRE: ADJU 381
ADJU 392L Special Topics in Instructor Development
PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 392S Special Topics in Instructor Development
PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy
ADJU 393L Special Topics in Field Tactics
PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy & ADJU 382 or Basic POST Certified Academy & ADJU 383 or Basic POST Certified Academy & ADJU 384 or Basic POST Certified Academy

NOTE: All Prerequisites must be completed with a grade of "C" or better and may be satisfied with equivalent coursework. Milestone: R = Reading, W = Writing, M = Math, ELAC = English Language Acquisition. PRE = Prerequisite (Completion of); CO = Co-requisite (Concurrent enrollment)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
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<tr>
<td>ADJU 393S</td>
<td>Special Topics in Field Tactics</td>
<td>PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy &amp; ADJU 382 or Basic POST Certified Academy &amp; ADJU 383 or Basic POST Certified Academy &amp; ADJU 384 or Basic POST Certified Academy</td>
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<tr>
<td>ADJU 394L</td>
<td>Special Topics in Law Enforcement Policy and Procedure</td>
<td>PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy &amp; ADJU 382 or Basic POST Certified Academy &amp; ADJU 383 or Basic POST Certified Academy &amp; ADJU 384 or Basic POST Certified Academy</td>
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<tr>
<td>ADJU 394S</td>
<td>Special Topics in Law Enforcement Policy and Procedure</td>
<td>PRE: ADJU 323A or S.T.C. Certified Correctional Officer Core Course Academy or ADJU 381 or Basic POST Certified Academy &amp; ADJU 382 or Basic POST Certified Academy &amp; ADJU 383 or Basic POST Certified Academy &amp; ADJU 384 or Basic POST Certified Academy</td>
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<tr>
<td>AGRI 104</td>
<td>Sustainable Vegetable Production</td>
<td>Completion of or concurrent enrollment in AGRI 102</td>
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<tr>
<td>AIRE 100</td>
<td>Basic Refrigeration &amp; AC Theory</td>
<td>PRE: AIRE 103</td>
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<tr>
<td>AIRE 103</td>
<td>Basic Refrigeration &amp; AC Lab</td>
<td>CO: AIRE 100</td>
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<tr>
<td>AIRE 122</td>
<td>Construction Drawings and Estimating</td>
<td>PRE: AIRE 123</td>
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<tr>
<td>AIRE 123</td>
<td>Construction Drawings and Estimating Lab</td>
<td>CO: AIRE 122</td>
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<tr>
<td>AIRE 124</td>
<td>Power &amp; Control Systems Theory</td>
<td>PRE: AIRE 125</td>
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<tr>
<td>AIRE 125</td>
<td>Power &amp; Control Systems Lab</td>
<td>CO: AIRE 124</td>
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<tr>
<td>AIRE 126</td>
<td>Fluid Flow Dynamics</td>
<td>Completion of or concurrent enrollment in AIRE 127</td>
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<tr>
<td>AIRE 127</td>
<td>Fluid Flow Dynamics Lab</td>
<td>PRE: AIRE 126</td>
</tr>
<tr>
<td>AIRE 128</td>
<td>Comfort Heating Systems Theory</td>
<td>PRE: AIRE 129</td>
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<tr>
<td>AIRE 129</td>
<td>Comfort Heating Systems Lab</td>
<td>CO: AIRE 128</td>
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<tr>
<td>AIRE 132</td>
<td>Advanced Refrigeration &amp; AC Theory</td>
<td>PRE: AIRE 133</td>
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<tr>
<td>AIRE 133</td>
<td>Advanced Refrigeration &amp; AC Lab</td>
<td>CO: AIRE 132</td>
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<tr>
<td>AIRE 138</td>
<td>HVAC System Design</td>
<td>CO: AIRE 139</td>
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<td>AIRE 139</td>
<td>HVAC System Design Lab</td>
<td>CO: AIRE 138</td>
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<tr>
<td>AIRE 144</td>
<td>Direct Digital Controls Theory</td>
<td>PRE: AIRE 145</td>
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<td>AIRE 145</td>
<td>Direct Digital Controls Lab</td>
<td>CO: AIRE 144</td>
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<tr>
<td>AIRE 160</td>
<td>Solar Energy Utilization Theory</td>
<td>PRE: AIRE 161</td>
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<tr>
<td>AIRE 161</td>
<td>Solar Energy Utilization Lab</td>
<td>CO: AIRE 160</td>
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<tr>
<td>AMSL 115</td>
<td>American Sign Language Level I</td>
<td>PRE: AMSL 115</td>
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<tr>
<td>AMSL 115L</td>
<td>American Sign Language I (Lab)</td>
<td>CO: AMSL 115L</td>
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<tr>
<td>AMSL 116</td>
<td>American Sign Language Level II</td>
<td>PRE: AMSL 115</td>
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<tr>
<td>AMSL 116L</td>
<td>American Sign Language II (Lab)</td>
<td>CO: AMSL 116</td>
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<tr>
<td>AMSL 214</td>
<td>American Sign Language Fingerspelled Signs</td>
<td>PRE: AMSL 116</td>
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<tr>
<td>AMSL 215</td>
<td>American Sign Language Level III</td>
<td>PRE: AMSL 116</td>
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<tr>
<td>AMSL 215L</td>
<td>American Sign Language III (Lab)</td>
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<tr>
<td>AMSL 216</td>
<td>American Sign Language Level IV</td>
<td>PRE: AMSL 215</td>
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<tr>
<td>AMSL 216L</td>
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<td>CO: AMSL 216</td>
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<tr>
<td>AMSL 225</td>
<td>Introduction to Linguistics of American Sign Language</td>
<td>Completion of or concurrent enrollment in AMSL 216</td>
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<tr>
<td>AMSL 230</td>
<td>Interpretation I</td>
<td>PRE: AMSL 214 and AMSL 216</td>
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<tr>
<td>AMSL 235</td>
<td>Professional Aspects of Interpretation</td>
<td>PRE: AMSL 214</td>
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<tr>
<td>AMSL 240</td>
<td>Interpretation II</td>
<td>PRE: AMSL 230 &amp; AMSL 235</td>
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<td>AMSL 245</td>
<td>Specialized Settings in Interpretation</td>
<td>PRE: AMSL 230 &amp; AMSL 235</td>
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<td>AMSL 250</td>
<td>Interpretation III</td>
<td>PRE: AMSL 240 &amp; AMSL 245</td>
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<tr>
<td>ANHL 100B</td>
<td>Advanced Animal Care and Management</td>
<td>PRE: ANHL 100A &amp; ANHL 145 &amp; ANHL 145L</td>
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<tr>
<td>ANHL 125</td>
<td>Veterinary Clinical Pathology</td>
<td>PRE: ANHL 140</td>
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<td>ANHL 276</td>
<td>Field Work in Interpretation</td>
<td>PRE: ANHL 150 &amp; ANHL 155 &amp; ANHL 214 &amp; ANHL 225 &amp; ANHL 250 &amp; ANHL 255</td>
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<tr>
<td>ANHL 135</td>
<td>Veterinary Pharmacology</td>
<td>PRE: ANHL 145 and ANHL 205</td>
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<tr>
<td>ANHL 145L</td>
<td>Veterinary Anatomy and Physiology</td>
<td>CO: ANHL 145L</td>
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<tr>
<td>ANHL 155</td>
<td>Fundamentals of Animal Health Technology</td>
<td>CO: ANHL 155L</td>
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</tbody>
</table>

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ANHL 205 Diseases of Domestic Animals
PRE: ANHL 145 & ANHL 145L
CO: ANHL 125 & ANHL 125L

ANHL 215 Veterinary Radiography
PRE: ANHL 135 & ANHL 145 & ANHL 145L
CO: ANHL 215L

ANHL 215L. Veterinary Radiography Laboratory
PRE: ANHL 145 & ANHL 145L
CO: ANHL 215

ANHL 225 Animal Nursing Techniques and Anesthesiology
PRE: ANHL 145 and ANHL 145L
CO: ANHL 227

ANHL 227 Veterinary Surgical and Nursing Procedures Lab
PRE: ANHL 145 and ANHL 145L and ANHL 155 and ANHL 155L
Completion of or concurrent enrollment in ANHL 225

ANHL 229 Advanced Surgical Nursing Procedures Lab
PRE: ANHL 135 & ANHL 225 & ANHL 227

ANHL 260 Laboratory Animal Medicine
PRE: ANHL 225
CO: ANHL 260L

ANHL 260L. Laboratory Animals Medicine Laboratory
PRE: ANHL 125L
CO: ANHL 229 and ANHL 260

ANHL 270 Veterinary Work Experience
PRE: ANHL 100B and ANHL 115 and ANHL 125 and ANHL 125L
Completion of or concurrent enrollment in ANHL 135 and ANHL 225 and ANHL 227

ANTH 104 Laboratory in Physical Anthropology
Completion of or concurrent enrollment in ANTH 102

AODS 160 Group Dynamics in Alcohol and Other Drug Counseling
PRE: AODS 150 and AODS 154

AODS 162 Internship Seminar: Alcohol and Other Drug Counseling
PRE: AODS 150 & AODS 153 & AODS 154 & AODS 156 & AODS 160 and PSYC 161
CO: AODS 163 or AODS 270

AODS 163 Internship: Alcohol and Other Drug Counseling
PRE: AODS 150 & AODS 153 & AODS 154 & AODS 156 & AODS 160 and PSYC 161
CO: AODS 162

AODS 270 Work Experience in Chemical Dependency
PRE: AODS 156 & AODS 160 & PSYC 161
CO: AODS 162

ARAB 102 Second Course in Arabic
PRE: ARAB 101

ARAB 201A Third Course in Arabic
PRE: ARAB 102

ARCH 141 Professional Practice in Architecture
PRE: ARCH 100
Completion of or concurrent enrollment in ARCH 130

ARCH 172 Architectural Design II
PRE: ARCH 100 & ARCH 170

ARCH 173 Architectural Site Design: Creating Exterior Spaces
PRE: ARCH 100 & ARCH 170

ARCH 175 Advanced Architectural Design I
PRE: ARCH 172
Completion of or concurrent enrollment in ARCH 173

ARCH 180A Advanced Architectural Design IIA
PRE: ARCH 175 & ARCH 220

ARCH 180B Advanced Architectural Design IIB
PRE: ARCH 180A

ARCH 180C Advanced Architectural Design IIC
PRE: ARCH 180B

ARCH 221 Graphic Design Communication III
PRE: ARCH 220

ARTF 155B Freehand Drawing II
PRE: ARTF 155A

ARTF 161B Museum Studies/Gallery Exhibition Skills II
PRE: ARTF 161A

ARTF 163 Art Museum/Gallery Internship
PRE: ARTF 161B

ARTF 165A Composition in Painting I
PRE: ARTF 155A

ARTF 165B Composition in Painting II
PRE: ARTF 165A

ARTF 165C Composition in Painting III
PRE: ARTF 165B

ARTF 165D Composition in Painting IV
PRE: ARTF 165C

ARTF 170B Contemporary Crafts II
PRE: ARTF 170A

ARTF 170C Contemporary Crafts III
PRE: ARTF 170B

ARTF 195B Ceramics II
PRE: ARTF 195A

ARTF 195C Ceramics III
PRE: ARTF 195B

ARTF 196 Clay and Glaze Technology
PRE: ARTF 195A

ARTF 197A Handbuilding Ceramics I
PRE: ARTF 195A

ARTF 197B Handbuilding Ceramics II
PRE: ARTF 197A

ARTF 198B Introduction to Printmaking II
PRE: ARTF 198A

ARTF 198C Introduction to Printmaking III
PRE: ARTF 198B

ARTF 210A Life Drawing I
PRE: ARTF 155A

ARTF 210B Life Drawing II
PRE: ARTF 210A

ARTF 210C Life Drawing III
PRE: ARTF 210B

ARTF 220B Life Sculpture II
PRE: ARTF 220A

ARTF 220C Life Sculpture III
PRE: ARTF 220B

ARTF 280A 2-Dimensional Art Studio Lab
CO: ARTF 150A or ARTF 152 or ARTF 155A or ARTF 155B or ARTF 165A or ARTF 165B or ARTF 165C or ARTF 165D or ARTF 174A or ARTF 198A or ARTF 198B or ARTF 198C or ARTF 210A or ARTF 210B or ARTF 210C

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ARTF 280B 3-Dimensional Art Studio Lab  
CO: ARTF 151 or ARTF 175A or ARTF 205A or ARTF 220A or ARTF 220B or ARTF 220C  
ARTF 280C Ceramics Studio Lab  
CO: ARTF 195A or ARTF 195B or ARTF 197A or ARTF 197B  
ARTF 280D Digital Art Studio Lab  
CO: ARTF 231 or ARTF 232 or ARTF 233  
ARTF 280E Museum Studies Lab  
CO: ARTF 161A or ARTF 161B or ARTF 163  
ARTF 280F Photography Studio Lab  
CO: ARTF 190A or ARTF 194 or ARTF 200  
ARTG 135 Professional Practices  
Completion of or concurrent enrollment in ARTG 124 or ARTG 133  
ARTG 138 Process and Production  
Completion of or concurrent enrollment in ARTG 124 or ARTG 133  
ASTR 109 Practice in Observing  
Completion of or concurrent enrollment in ASTR 101 or ASTR 102  
ASTR 111 Astronomy Laboratory  
Completion of or concurrent enrollment in ASTR 101 or ASTR 102  
AUTO 56T Honda/Toyota Engine and Related Systems  
PRE: AUTO 51T  
AUTO 61T Honda/Toyota Basic Electricity and Electrical Systems Fundamentals  
PRE: AUTO 51T  
AUTO 62 Advanced Electrical  
PRE: AUTO 61  
AUTO 62T Honda/Toyota Advanced Electrical  
PRE: AUTO 61T  
AUTO 65 Engine Performance  
Completion of or concurrent enrollment in AUTO 61  
AUTO 65T Honda/Toyota Engine Performance  
PRE: AUTO 56T and AUTO 61T  
Completion of or concurrent enrollment in AUTO 62T  
AUTO 67 Advanced Engine Performance  
PRE: AUTO 61  
AUTO 67T Honda/Toyota Advanced Engine Performance  
PRE: AUTO 62T and AUTO 65T  
AUTO 69T Honda/Toyota Climate Control Systems  
PRE: AUTO 61T  
Completion of or concurrent enrollment in AUTO 62T  
AUTO 72T Honda/Toyota Manual Drive Train and Axles  
PRE: AUTO 61T  
Completion of or concurrent enrollment in AUTO 62T  
AUTO 74T Honda/Toyota Automatic Transmissions/Axles  
PRE: AUTO 65T  
Completion of or concurrent enrollment in AUTO 67T  
AUTO 76T Honda/Toyota Automotive Brake Systems  
PRE: AUTO 61T  
Completion of or concurrent enrollment in AUTO 62T  
AUTO 78T Honda/Toyota Suspension, Steering and Handling  
PRE: AUTO 51T  
Completion of or concurrent enrollment in AUTO 61T  
AVIA 101L Private Pilot Flight Lab  
Completion of or concurrent enrollment in AVIA 101 or FAA-Issued Private Pilot Certificate  
AVIA 151 Helicopter Ground School  
Completion of or concurrent enrollment in AVIA 101  
AVIA 161L Remote Pilot Flight Lab  
Completion of or concurrent enrollment in AVIA 161 or FAA-issued Remote Pilot Certificate  
AVIA 195 Instrument Ground School  
PRE: AVIA 101 or FAA-Issued Private Pilot Certificate  
AVIA 195L Basic Instrument Flight Lab  
PRE: AVIA 101 or FAA-Issued Private Pilot Certificate & AVIA 101L or FAA-Issued Private Pilot Certificate  
Completion of or concurrent enrollment in AVIA 195 or FAA-Issued Instrument Pilot Certificate  
AVIA 196L Advanced Instrument Flight Lab  
PRE: AVIA 195 or FAA-Issued Instrument Pilot Certificate & AVIA 195L or FAA-Issued Instrument Pilot Certificate  
AVIA 201 Commercial Pilot Ground School  
PRE: AVIA 101 or FAA-Issued Private Pilot Certificate  
AVIA 211 Flight Instructor Ground School  
Completion of or concurrent enrollment in AVIA 195 or FAA-Issued Instrument Pilot Certificate and AVIA 201 or FAA-Issued Commercial Pilot Certificate  
AVIA 211L Basic Visual Flight Instructor Lab  
Completion of or concurrent enrollment in AVIA 211  
AVIA 215L Basic Instrument Flight Instructor Lab  
PRE: AVIA 196L Completion of or concurrent enrollment in AVIA 211  
AVIA 216L Advanced Instrument Flight Instructor Lab  
PRE: AVIA 215L  
AVIA 228 Group Dynamics II  
PRE: AVIA 128  
AVIA 277D Aviation Service Learning -- on Campus  
PRE: AVIA 105 and AVIA 101 or AVIA 133  
AVIM 101H General Aviation Technology Theory I  
Completion of or concurrent enrollment in AVIM 101G  
AVIM 102G General Aviation Maintenance Technology Practices I  
Completion of or concurrent enrollment in AVIM 101G  
AVIM 102H General Aviation Maintenance Technology Practices II  
Completion of or concurrent enrollment in AVIM 101H and AVIM 102G  
AVIM 103A Aircraft Wood, Fabric, Finishing and Composite Structures  
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H  
AVIM 103B Aircraft Welding and Sheet Metal Structures  
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H  
AVIM 103C Aircraft Hydraulic Systems  
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H  
AVIM 103D Aircraft Landing Gear Systems  
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H  

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Summer 2020 Pre/Co Requisite List

AVIM 104A Applied Aircraft Wood, Fabric, Finishing and Composite Structures
Completion of or concurrent enrollment in AVIM 103A

AVIM 104B Applied Aircraft Welding and Sheet Metal Structures
Completion of or concurrent enrollment in AVIM 103B

AVIM 104C Applied Aircraft Hydraulic Systems
Completion of or concurrent enrollment in AVIM 103C

AVIM 104D Applied Aircraft Landing Gear Systems
Completion of or concurrent enrollment in AVIM 103D

AVIM 105A Aircraft Cabin Atmosphere Control
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 105B Aircraft Assembly, Rigging and Inspection
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 106A Aircraft Cabin Atmosphere Control
Completion of or concurrent enrollment in AVIM 105A

AVIM 106B Applied Aircraft Assembly, Rigging and Inspection
Completion of or concurrent enrollment in AVIM 105B

AVIM 107B Turbine Engines
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 108B Applied Turbine Engines
Completion of or concurrent enrollment in AVIM 107B

AVIM 109A Airframe Electrical Systems
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H & AVIM 120 & AVIM 121A

AVIM 109B Powerplant Ignition Systems
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 109C Powerplant Electrical Systems
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H & AVIM 120 & AVIM 121A

AVIM 109D Aircraft Fire Protection and Digital Logic
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 110A Applied Airframe Electrical Systems
Completion of or concurrent enrollment in AVIM 109A

AVIM 110B Applied Powerplant Ignition Systems
Completion of or concurrent enrollment in AVIM 109B

AVIM 110C Applied Powerplant Electrical Systems
Completion of or concurrent enrollment in AVIM 109C

AVIM 111C Reciprocating Engines I
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 111D Reciprocating Engines II
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 112C Applied Reciprocating Engines I
Completion of or concurrent enrollment in AVIM 111C

AVIM 112D Applied Reciprocating Engines II
Completion of or concurrent enrollment in AVIM 111D

AVIM 121A Applied Basic D.C. Electronics
Completion of or concurrent enrollment in AVIM 120

AVIM 203 Advanced Composites
PRE: AVIM 102G or FAA Airframe or Powerplant Certificate and AVIM 102H or FAA Airframe or Powerplant Certificate
Completion of or concurrent enrollment in AVIM 204

AVIM 204 Advanced Composites Laboratory
PRE: AVIM 101G & AVIM 101H & AVIM 102G & AVIM 102H

AVIM 250 Applied Induction and Fuel Metering
Completion of or concurrent enrollment in AVIM 249

AVIM 253 Lubrication, Cooling, and Exhaust
Completion of or concurrent enrollment in AVIM 253

BCAS 303 Construction Mathematics II
PRE: BCAS 302

BCAS 308 Construction Blueprint Reading II
PRE: BCAS 307

BCAS 312 Carpenter Apprentice II
PRE: BCAS 310

BCAS 314 Carpenter Apprentice III
PRE: BCAS 312

BCAS 316 Carpenter Apprentice IV
PRE: BCAS 314

BCAS 82 Construction Mathematics II
PRE: BCAS 81

BCAS 84 Construction Blueprint Reading II
PRE: BCAS 83

BCAS 86 Carpenter Apprentice II
PRE: BCAS 85

BCAS 87 Carpenter Apprentice III
PRE: BCAS 86

BCAS 88 Carpenter Apprentice IV
PRE: BCAS 87

BIOL 200 Biological Statistics
PRE: BIOL 107, BIOL 210A and MATH 116 completed within five years of enrollment in BIOL 200

BIOL 205 General Microbiology
PRE: BIOL 107 and CHEM 100 & CHEM 100L or CHEM 103 or CHEM 152 & CHEM 152L

BIOL 210A Introduction to the Biological Sciences I
PRE: CHEM 152 & CHEM 152L and MATH 96 or M50
All prerequisites must be completed within five years of enrollment in BIOL 210A.

BIOL 210B Introduction to the Biological Sciences II
PRE: BIOL 210A

BIOL 215 Introduction to Zoology
PRE: BIOL 107

BIOL 230 Human Anatomy
PRE: BIOL 107 or BIOL 160 or BIOL 210A

BIOL 231 Media Experiences in Human Anatomy
CO: BIOL 230

BIOL 232 Experience in Human Dissection
PRE: BIOL 230

BIOL 235 Human Physiology
PRE: BIOL 107

BUSE 115 Statistics for Business
PRE: MATH 92 or M40 or MATH 96 or M50

BUSE 119 Business Communications
PRE: ENGL 101 or R60 and W60

BUSE 230A Beginning Small Business Operation
CO: BUSE 270

BUSE 230B Intermediate Small Business Operation
PRE: BUSE 230A
CO: BUSE 270

NOTE: All Prerequisites must be completed with a grade of "C" or better and may be satisfied with equivalent coursework. Milestone: R = Reading, W = Writing, M = Math, ELAC = English Language Acquisition. PRE = Prerequisite (Completion of); CO = Co-requisite (Concurrent enrollment)
**Pre/Co Requisite List**

**Summer 2020**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
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<tbody>
<tr>
<td>CHEM 100</td>
<td>Fundamentals of Chemistry</td>
<td>MATH 92 or M40 or MATH 96 or M50</td>
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<tr>
<td>CHEM 100L</td>
<td>Fundamentals of Chemistry Laboratory</td>
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<tr>
<td>CHEM 103</td>
<td>General, Organic, and Biological Chemistry</td>
<td>MATH 92 or M40 or MATH 96 or M50</td>
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<td>CHEM 111</td>
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<td>CHEM 111L</td>
<td>Introduction to Organic and Biological Chemistry</td>
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<td>General Chemistry I - Laboratory</td>
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<td>General Chemistry II - Laboratory</td>
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<td>Introduction to Organic and Biological Chemistry</td>
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<tr>
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<td>Food and Beverage Purchasing and Control</td>
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<td>CHEM 151</td>
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<td>CHEM 152</td>
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<td>CHEM 160</td>
<td>Introductory Biochemistry</td>
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<td>CHEM 161</td>
<td>Techniques in Biochemistry</td>
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<td>CHEM 200</td>
<td>General Chemistry I - Lecture</td>
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<td>General Chemistry II - Laboratory</td>
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<td>CHEM 202</td>
<td>Administration of Early Childhood Programs</td>
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<td>CHEM 205</td>
<td>Garde Manger Cold Food Production</td>
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<td>CHEM 210</td>
<td>Basic Baking and Pastry</td>
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<td>CHEM 211</td>
<td>Advanced Baking and Pastry</td>
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<td>CHEM 292</td>
<td>Culinary Practicum</td>
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<tr>
<td>CISC 186</td>
<td>Visual Basic Programming</td>
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<td>CISC 187</td>
<td>Data Structures in C++</td>
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<tr>
<td>CISC 191</td>
<td>Intermediate Java Programming</td>
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<tr>
<td>CISC 205</td>
<td>Advanced C++ Programming</td>
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### Summer 2020 Pre/Co Requisite List

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>CISC 221</td>
<td>Intermediate Game Programming: Integrating Art and Science</td>
<td>PRE: CISC 220</td>
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<tr>
<td>CISC 246</td>
<td>Discrete Mathematics for Computer Science</td>
<td>PRE: MATH 245 &amp; CISC 190</td>
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<td>COSM 104</td>
<td>Advanced Public Communication</td>
<td>PRE: COSM 103</td>
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<tr>
<td>COSM 117B</td>
<td>Intercollegiate Forensics</td>
<td>PRE: COSM 117A</td>
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<tr>
<td>COSM 117C</td>
<td>Intercollegiate Forensics</td>
<td>PRE: COSM 117B</td>
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<tr>
<td>COSM 117D</td>
<td>Intercollegiate Forensics</td>
<td>PRE: COSM 117C</td>
</tr>
<tr>
<td>COSM 160</td>
<td>Argumentation</td>
<td>PRE: COSM 103</td>
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<td>COSM 201</td>
<td>Communication and Community</td>
<td>PRE: COSM 103</td>
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<tr>
<td>COSM 60B</td>
<td>Construction Systems - Introduction to HVAC II</td>
<td>PRE: CONS 60A</td>
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<tr>
<td>CONS 61A</td>
<td>Construction Systems - Intermediate HVAC I</td>
<td>PRE: CONS 60B</td>
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<tr>
<td>CONS 61B</td>
<td>Construction Systems - Intermediate HVAC II</td>
<td>PRE: CONS 61A</td>
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<tr>
<td>CONS 62A</td>
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<td>Construction Systems - Advanced HVAC II</td>
<td>PRE: CONS 62A</td>
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<tr>
<td>CONS 63A</td>
<td>Construction Systems - HVAC Specialties I</td>
<td>PRE: CONS 62B</td>
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<tr>
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<td>Construction Systems - HVAC Specialties II</td>
<td>PRE: CONS 63A</td>
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<tr>
<td>CONS 70B</td>
<td>Construction Systems - Introduction to Low Voltage Building Systems II</td>
<td>PRE: CONS 70A</td>
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<tr>
<td>CONS 71A</td>
<td>Construction Systems - Intermediate Low Voltage Building Systems I</td>
<td>PRE: CONS 70B</td>
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<tr>
<td>CONS 71B</td>
<td>Construction Systems - Intermediate Low Voltage Building Systems II</td>
<td>PRE: CONS 71A</td>
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<td>CONS 72A</td>
<td>Construction Systems - Advanced Low Voltage Building Systems I</td>
<td>PRE: CONS 71B</td>
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<tr>
<td>CONS 72B</td>
<td>Construction Systems - Advanced Low Voltage Building Systems II</td>
<td>PRE: CONS 72A</td>
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<tr>
<td>COSM 50</td>
<td>Rules, Regulations and Physiology</td>
<td>CO: COSM 50L or COSM 60L</td>
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<tr>
<td>COSM 50L</td>
<td>Fundamentals of Cosmetology</td>
<td>Completion of or concurrent enrollment in COSM 50</td>
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<tr>
<td>COSM 55</td>
<td>Introductory Esthetician</td>
<td>CO: COSM 55L</td>
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<tr>
<td>COSM 55L</td>
<td>Introductory Esthetician Lab</td>
<td>CO: COSM 55</td>
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<tr>
<td>COSM 60</td>
<td>Resolution of Skin Diseases and Disorders</td>
<td>PRE: COSM 50</td>
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<tr>
<td>COSM 60L</td>
<td>Intermediate Cosmetology Lab</td>
<td>CO: COSM 50L or COSM 60L or COSM 70L</td>
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<tr>
<td>COSM 65</td>
<td>Advanced Esthetician</td>
<td>PRE: COSM 55 &amp; COSM 55L</td>
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<tr>
<td>COSM 65L</td>
<td>Advanced Esthetician Lab</td>
<td>CO: COSM 65L</td>
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<tr>
<td>COSM 70</td>
<td>Chemistry and Chemical Services</td>
<td>Completion of or concurrent enrollment in COSM 60L or COSM 70 or COSM 90L</td>
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<tr>
<td>COSM 70L</td>
<td>Intermediate Cosmetology Lab</td>
<td>PRE: COSM 60L</td>
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<tr>
<td>COSM 80</td>
<td>Advanced Cosmetology Lab</td>
<td>PRE: COSM 70L</td>
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<tr>
<td>COSM 80L</td>
<td>Advanced Cosmetology Lab I</td>
<td>Completion of or concurrent enrollment in COSM 60L or COSM 70 or COSM 81</td>
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<td>COSM 81</td>
<td>Basic Business Practices</td>
<td>PRE: COSM 50 &amp; COSM 60 &amp; COSM 70</td>
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<td>COSM 81A</td>
<td>Basic Business Practices</td>
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<td>COSM 90</td>
<td>Advanced Cosmetology Lab I</td>
<td>PRE: COSM 80L</td>
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<td>COSM 90L</td>
<td>Advanced Cosmetology Lab I</td>
<td>Completion of or concurrent enrollment in COSM 60L or COSM 70 or COSM 81</td>
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<td>COSM 92</td>
<td>Extended Laboratory Practice</td>
<td>PRE: COSM 80L</td>
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<td>COSM 93</td>
<td>Esthetician Extended Laboratory Practice</td>
<td>PRE: COSM 65 &amp; COSM 65L</td>
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<td>COSM 94B</td>
<td>Cosmetology Teacher Training Program II</td>
<td>PRE: COSM 94A</td>
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<td>COSM 95</td>
<td>State Board Review</td>
<td>PRE: COSM 81</td>
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<td>CRES 276</td>
<td>Field Work in Conflict Resolution and Mediation</td>
<td>Completion of or concurrent enrollment in COSM 90L</td>
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<td>DENA 54</td>
<td>Basic Dental Assisting</td>
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<td>DENA 54L</td>
<td>Basic Dental Assisting</td>
<td>CO: DENA 54L</td>
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<tr>
<td>DENA 56</td>
<td>Basic Dental Science</td>
<td>Completion of or concurrent enrollment in DENA 50</td>
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<tr>
<td>DENA 58</td>
<td>Preventive Dental Care</td>
<td>PRE: DENA 50</td>
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<tr>
<td>DENA 58L</td>
<td>Preventive Dental Care</td>
<td>CO: DENA 58L</td>
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<tr>
<td>DENA 60</td>
<td>Clinical Business Management</td>
<td>PRE: DENA 54</td>
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<tr>
<td>DENA 60L</td>
<td>Clinical Business Management</td>
<td>CO: DENA 60L</td>
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</tbody>
</table>

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DENA 62 Dental Specialties I
PRE: DENA 117 & DENA 54
CO: DENA 62L
DENA 62L Dental Specialties I Laboratory
PRE: DENA 54L & DENA 83A & DENA 117L
CO: DENA 62
DENA 82 Dental Specialties II
PRE: DENA 117 & DENA 54
CO: DENA 82L
DENA 82L Dental Specialties II Lab
PRE: DENA 54L and DENA 58L and DENA 117L
CO: DENA 82
DENA 83A Directed Clinical Practice
PRE: DENA 50
Completion of or concurrent enrollment in DENA 54L & DENA 58L & DENA 117L
DENA 83B Directed Clinical Practice
PRE: DENA 83A
CO: DENA 139
Completion of or concurrent enrollment in DENA 60L & DENA 62L & DENA 82L
DENA 117 Dental Materials
PRE: DENA 50
CO: DENA 117L
Completion of or concurrent enrollment in DEMA 56
DENA 117L Dental Materials - Lab
CO: DENA 117
DENA 129 Dental Radiography I
PRE: DENA 50
CO: DENA 129L
Completion of or concurrent enrollment in DEMA 56
DENA 129L Dental Radiography Lab
CO: DENA 129
DENA 139 Dental Radiography II
PRE: DENA 129L
CO: DENA 83B
DIES 101 Heavy Duty Truck, Advanced Transportation, Equipment Preventive Maintenance and Inspections
Completion of or concurrent enrollment in DIES 100
DIES 102 Heavy Duty Truck and Heavy Equipment Heating and Air Conditioning
Completion of or concurrent enrollment in DIES 100
DIES 121 Diesel Engines A
Completion of or concurrent enrollment in DIES 100
DIES 122 Diesel Engines B
Completion of or concurrent enrollment in DIES 100
DIES 123 Diesel Engines C
Completion of or concurrent enrollment in DIES 100
DIES 124 Diesel Engines D
Completion of or concurrent enrollment in DIES 100
DIES 125 Diesel Engines I
Completion of or concurrent enrollment in DIES 100
DIES 126 Diesel Engines II
Completion of or concurrent enrollment in DIES 100
DIES 128 Diesel Engines III
Completion of or concurrent enrollment in DIES 100
DIES 131 Alternative-Fueled Engine Overhaul
Completion of or concurrent enrollment in DIES 100
DIES 137 Diesel Fuel Injection Systems
Completion of or concurrent enrollment in DIES 100
DIES 137A Advanced Diesel Fuel Injection Systems
PRE: DIES 137 and DIES 144
DIES 138 Electrical Systems
Completion of or concurrent enrollment in DIES 100
DIES 155 Air Brake Systems
Completion of or concurrent enrollment in DIES 100
DIES 160 Heavy Duty Manual Transmissions
Completion of or concurrent enrollment in DIES 100
DIES 165 Truck Automatic Transmissions
Completion of or concurrent enrollment in DIES 100
DIES 170 Truck Drive Axles and Specifications
Completion of or concurrent enrollment in DIES 100
DIES 175 Truck Chassis R&R
Completion of or concurrent enrollment in DIES 100
DIES 180 Steering, Suspension, and Driveline Systems
Completion of or concurrent enrollment in DIES 100
DIES 200 Mobile Hydraulic Systems
Completion of or concurrent enrollment in DIES 100
DIES 210 Brakes, Final Drives and Steering Systems
Completion of or concurrent enrollment in DIES 100
DIES 220 Undercarriage
Completion of or concurrent enrollment in DIES 100
DIES 230 Heavy Equipment Transmissions
Completion of or concurrent enrollment in DIES 100
DIES 240 Equipment Chassis R&R
Completion of or concurrent enrollment in DIES 100
DJRN 211 Online News Concepts for Publication
PRE: DJRN 210 or JOUR 210A
DJRN 212 News Publication Management
PRE: DJRN 211 or JOUR 210B
DJRN 213 Advanced News Publication Management
PRE: DJRN 212 or JOUR 210C
DJRN 215 Photo Journalism and Documentary Photography
PRE: PHOT 100 or PHOT 143
DMSG 100 Sonography Physics and Instrumentation
Completion of or concurrent enrollment in DMSG 100L
DMSG 100L Sonography Physics and Instrumentation Laboratory
CO: DMSG 100
DMSG 130 Sonography of Small Parts and Pathological Conditions
PRE: DMSG 100 and DMSG 100L
DMSG 140 Vascular Sonography
PRE: DMSG 100 and DMSG 100L
DMSG 145 Advanced Vascular Ultrasound
PRE: DMSG 140
DMSG 150 Abdominal Sonography
PRE: DMSG 100 and DMSG 100L
DMSG 160 Obstetrics and Gynecological Sonography
PRE: DMSG 100 and DMSG 100L
DMSG 175 Quality Assurance and Quality Control in Sonography
PRE: DMSG 100 and DMSG 100L
DMSG 185 Sonography Overview
Completion of or concurrent enrollment in DMSG 225
DMSG 220 Directed Clinical Practice I
PRE: DMSG 130 and DMSG 140 and DMSG 150 and DMSG 160
DMSG 225 Directed Clinical Practice II
PRE: DMSG 220
DMSG 230 Directed Clinical Practice III
PRE: DMSG 225

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<th>Prerequisites</th>
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<tr>
<td>DMSG 235</td>
<td>Directed Clinical Practice IV</td>
<td>PRE: DMSG 230</td>
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<td>Digital Video Production for the Dramatic Arts</td>
<td>PRE: DRAM 119</td>
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<td>DRAM 71</td>
<td>Digital Video Production for the Dramatic Arts II</td>
<td>PRE: DRAM 70</td>
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<td>DRAM 100A</td>
<td>Fundamentals of Performance and Production I</td>
<td>CO: DRAM 104A</td>
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<td>Fundamentals of Performance and Production II</td>
<td>CO: DRAM 104B</td>
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<td>DRAM 104A</td>
<td>Theatre Company Performance I</td>
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<td>DRAM 104B</td>
<td>Theatre Company Performance II</td>
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<td>DRAM 108</td>
<td>Playwriting</td>
<td>PRE: Eligible to enroll in a transferable English composition course</td>
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<td>DRAM 126</td>
<td>Advanced Stagecraft</td>
<td>PRE: DRAM 123</td>
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<td>Intermediate Scene Painting</td>
<td>PRE: DRAM 129A</td>
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<td>DRAM 133</td>
<td>Intermediate Acting</td>
<td>PRE: DRAM 132</td>
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<td>DRAM 144B</td>
<td>Intermediate Special Effects Makeup for Stage and Film</td>
<td>PRE: DRAM 144A</td>
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<tr>
<td>DRAM 146B</td>
<td>Intermediate FX Makeup Practicum: Creature</td>
<td>PRE: DRAM 146A</td>
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<td>DRAM 146C</td>
<td>Introduction to Theatrical Glamour Practicum: Promotional Events</td>
<td>PRE: DRAM 146B</td>
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<td>DRAM 200A</td>
<td>Fundamentals of Performance and Production III</td>
<td>PRE: DRAM 100A &amp; DRAM 100B</td>
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<tr>
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<td>Fundamentals of Performance and Production IV</td>
<td>PRE: DRAM 100A &amp; DRAM 100B</td>
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<td>Theatre Company Performance III</td>
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<td>Theatre Company Performance IV</td>
<td>CO: DRAM 200B</td>
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<td>CO: ELCT 111L</td>
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<td>Electrical Laboratory I</td>
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<tr>
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<td>Electrical Theory II</td>
<td>PRE: ELCT 111 &amp; ELCT 111L</td>
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<td>Electrical Laboratory II</td>
<td>PRE: ELCT 111 &amp; ELCT 111L</td>
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<td>Electrical Theory III</td>
<td>PRE: ELCT 121 &amp; ELCT 121L</td>
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<td>Electrical Laboratory III</td>
<td>PRE: ELCT 121 &amp; ELCT 121L</td>
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<td>Electrical Theory IV</td>
<td>PRE: ELCT 131 &amp; ELCT 131L</td>
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<td>Electrical Laboratory IV</td>
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<td>ECON 120</td>
<td>Principles of Macroeconomics</td>
<td>PRE: MATH 92 or MATH 96 or M40 or M50 or math assessment that verifies Intermediate Algebra competency, or any college level Intermediate Algebra course or higher completed with a grade of &quot;C&quot; or better.</td>
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<td>ECON 121</td>
<td>Principles of Microeconomics</td>
<td>PRE: MATH 92 or MATH 96 or M40 or M50 or math assessment that verifies Intermediate Algebra competency, or any college level Intermediate Algebra course or higher completed with a grade of &quot;C&quot; or better.</td>
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<td>EDUC 270</td>
<td>Teaching as a Profession - Work Experience</td>
<td>PRE: EDUC 200</td>
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<tr>
<td>ELAC 16</td>
<td>Accelerated English Language Acquisition - Low-Intermediate Level</td>
<td>CO: ELAC 15 or L20</td>
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<tr>
<td>ELAC 23</td>
<td>Academic Listening and Speaking I</td>
<td>PRE: ELAC 15 or L20</td>
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<td>ELAC 25</td>
<td>Integrated Reading, Writing, and Grammar I</td>
<td>PRE: ELAC 15 or L20</td>
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<td>ELAC 33</td>
<td>Academic Listening and Speaking II</td>
<td>PRE: ELAC 23 or Milestone L30</td>
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<tr>
<td>ELAC 35</td>
<td>Integrated Reading, Writing and Grammar II</td>
<td>PRE: ELAC 25 or Milestone L30</td>
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<tr>
<td>EDUC 270</td>
<td>Teaching as a Profession - Work Experience</td>
<td>PRE: EDUC 200</td>
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<tr>
<td>ELAC 35</td>
<td>Integrated Reading, Writing and Grammar II</td>
<td>PRE: ELAC 25 or Milestone L30</td>
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<tr>
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<td>Academic Listening and Speaking II</td>
<td>PRE: ELAC 35 or Milestone L40. Completion of or concurrent enrollment in ELAC 33 Students who meet the prerequisite by completion of ELAC 35 must have completed ELAC 33 or be concurrently enrolled in ELAC 33</td>
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<td>Electrical Theory I</td>
<td>CO: ELCT 111L</td>
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<td>ELCT 121L</td>
<td>Electrical Laboratory II</td>
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<td>ELCT 131</td>
<td>Electrical Theory III</td>
<td>PRE: ELCT 121 &amp; ELCT 121L</td>
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<td>Electrical Laboratory III</td>
<td>PRE: ELCT 121 &amp; ELCT 121L</td>
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<td>ELCT 141</td>
<td>Electrical Theory IV</td>
<td>PRE: ELCT 131 &amp; ELCT 131L</td>
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<td>ELCT 141L</td>
<td>Electrical Laboratory IV</td>
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<td>ELCT 191</td>
<td>Electric Lineman I</td>
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<td>ELCT 192</td>
<td>Electric Lineman II</td>
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<td>ELCT 193</td>
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<td>PRE: ELCT 193</td>
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<tr>
<td>ELCT 195</td>
<td>Electric Lineman III</td>
<td>PRE: ELCT 194</td>
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Summer 2020 Pre/Co Requisite List

ELCT 200 Electrical Control Systems
PRE: ELCT 121 and ELCT 121L
CO: ELCT 200L
ELCT 200L Electrical Control Systems Laboratory
PRE: ELCT 121 and ELCT 121L
CO: ELCT 200
ELDT 225 Microcontrollers
Completion of or concurrent enrollment in ELDT 123 and ELDT 124 and ELDT 225L
ELDT 225L Microcontrollers Laboratory
Completion of or concurrent enrollment in ELDT 123L & ELDT 124L and ELDT 225
ELDT 232 Advanced Computer Design and Interfacing
PRE: ELDT 225
ELEC 160B Introduction to Electrical Construction II
PRE: ELEC 160A or ELEC 301A
ELEC 165A Intermediate Electrical Construction I
PRE: ELEC 160B or ELEC 301B
ELEC 165B Intermediate Electrical Construction II
PRE: ELEC 165A or ELEC 302A
ELEC 170A Advanced Electrical Construction I
PRE: ELEC 165B or ELEC 302B
ELEC 170B Advanced Electrical Construction II
PRE: ELEC 170A or ELEC 303A
ELEC 175A Electrical Construction Specialties I
PRE: ELEC 170B or ELEC 303B
ELEC 175B Electrical Construction Specialties II
PRE: ELEC 175A or ELEC 304A
EMGM 105A Emergency Medical Technician - National Registry
Completion of or concurrent enrollment in EMGM 106
EMGM 106 Perilaryngeal Airway Adjuncts/Defibrillation Training
PRE: Authorized or required by Statute or RegulationCurrent BLS-C level certification in CPR approved by the American Heart Association or the American Red Cross.
Completion of or concurrent enrollment in EMGM 105A
EMGM 205 EMT to Paramedic Bridge
PRE: EMGM 105A or current State of California EMT certification.
EMGM 296 Individualized Instruction in Emergency Medical Technology
CO: EMGM 105A or EMGM 350
EMGM 350 Recertification Course for San Diego County EMT
PRE: EMGM 105A or EMT certification
ENGE 116 Computational Methods in Engineering
Completion of or concurrent enrollment in MATH 151
ENGE 151 Engineering Drawing
PRE: MATH 96 or M50
ENGE 152 Engineering Design
PRE: ENGE 151
ENGE 200 Statics
PRE: PHYS 195
Completion of or concurrent enrollment in MATH 151
ENGE 210 Properties of Materials
PRE: PHYS 195
Completion of or concurrent enrollment in CHEM 200 & CHEM 200L
ENGE 250 Dynamics
PRE: ENGE 200
Completion of or concurrent enrollment in MATH 252
ENGE 260 Electric Circuits
PRE: PHYS 196 & MATH 151
ENGL 13B Academic Writing Skills II
PRE: ENGL 13A
ENGL 21A Introduction to Academic Literacy
CO: ENGL 47A or R50 and W50
ENGL 31 Academic Literacy
PRE: ELAC 45 or ELAC 145 or R40 & W40 or R30 & W30
ENGL 48 College Reading and Study Skills II
PRE: ENGL 42 or ELAC 45 or ELAC 145 or R40 & W40
ENGL 49 Basic Composition
PRE: ENGL 43 or ELAC 45 or ELAC 145 or R40 & W40
ENGL 101 Reading and Composition
PRE: ENGL 47A or ENGL 48 & ENGL 49 or R50 & W50 or R40 & W40; or students with Milestone R30 & W30 must enroll in ENGL 101X (ENGL 101 and 31 learning community)
ENGL 101X ENGL 31/ENGL 101
PRE: Milestones R30 and W30
ENGL 105 Composition and Literature
PRE: ENGL 47A or ENGL 48 & ENGL 49 or R50 & W50
ENGL 205 Critical Thinking and Intermediate Composition
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 207 The Art of the Sentence
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 208 Introduction to Literature
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 210 American Literature I
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 211 American Literature II
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 215 English Literature I: 800-1799
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 216 English Literature II: 1800 - Present
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 220 Masterpieces of World Literature I: 1500 BCE - 1600 CE
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 221 Masterpieces of World Literature II: 1600 - Present
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 230 Asian American Literature
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 245A Writing Creative Nonfiction
PRE: ENGL 101 or ENGL 105 or R60 and W60
ENGL 245B Advanced Creative Nonfiction
PRE: ENGL 245A
ENGL 247A Writing Seminar - Poetry
PRE: ENGL 101 or ENGL 105 or R60 and W60

NOTE: All Prerequisites must be completed with a grade of "C" or better and may be satisfied with equivalent coursework. Milestone: R = Reading, W = Writing, M = Math, ELAC = English Language Acquisition. PRE = Prerequisite (Completion of); CO = Co-requisite (Concurrent enrollment)
Summer 2020 Pre/Co Requisite List

- **ENGL 247B** Advanced Writing Seminar - Poetry
  PRE: ENGL 247A

- **ENGL 249A** Introduction to Creative Writing I
  PRE: ENGL 101 or ENGL 105 or R60 and W60

- **ENGL 249B** Introduction to Creative Writing II
  PRE: ENGL 249A

- **ENGL 252A** Fundamentals of Fiction Writing
  PRE: ENGL 101 or ENGL 105 or R60 and W60

- **ENGL 252B** Intermediate Fiction Writing
  PRE: ENGL 252A

- **ENGL 401** Advanced Writing for Healthcare Professionals
  PRE: ENGL 205

- **ENGN 275** Engineering Technology Industrial Internship
  PRE: MFET 101 & MFET 105 & MFET 115
  Completion of or concurrent enrollment in MFET 110 & MFET 230

- **EXSC 227** Intercollaborate Water Polo II
  PRE: EXSC 226

- **EXSC 231B** Theories and Strategies of Basketball II
  PRE: EXSC 231A

- **EXSC 232B** Professional Activities/Cross Country II
  PRE: EXSC 232A

- **EXSC 234B** Theories and Strategies of Soccer II
  PRE: EXSC 234A

- **EXSC 235A** Theories and Strategies of Softball I
  CO: EXSC 216

- **EXSC 235B** Theories and Strategies of Softball II
  CO: EXSC 217

- **EXSC 238A** Theories and Strategies/Track and Field I
  CO: EXSC 222

- **EXSC 238B** Theories and Strategies/Track and Field II
  CO: EXSC 223

- **EXSC 288** Fitness Specialist Internship Lecture
  PRE: EXSC 280 & EXSC 281 & EXSC 283

- **EXSC 293** Yoga Teacher Training Progressive Methodologies
  Completion of or concurrent enrollment in EXSC 292

- **FASH 109** Fashion Product Development
  PRE: FASH 105 and FASH 108 or FASH 130 and CBTE 140

- **FASH 123** Introduction to Costume Development
  PRE: FASH 120 and FASH 130

- **FASH 124** Costume Understructures
  PRE: FASH 130 and FASH 140 and FASH 199A

- **FASH 130** Apparel Construction I
  CO: FASH 199A

- **FASH 131** Apparel Construction II
  PRE: FASH 130
  CO: FASH 199C

- **FASH 135** Tailoring
  PRE: FASH 131

- **FASH 140** Clothing Design and Flat Pattern I
  Completion of or concurrent enrollment in FASH 130

- **FASH 141** Clothing Design and Flat Pattern II
  PRE: FASH 140

- **FASH 143** Advanced Fashion Illustration and Technical Sketching
  PRE: FASH 142

- **FASH 145** Clothing Design Through Draping
  PRE: FASH 130 and FASH 140
  CO: FASH 199B

- **FASH 147** Stretch Knits: Design and Construction
  PRE: FASH 130 & FASH 140

- **FASH 150** Advanced Fashion Design
  PRE: FASH 130 & FASH 140

- **FASH 158** Fashion Field Studies: Trade Shows/Markets
  Completion of or concurrent enrollment in FASH 110 or FASH 190 or FASH 130 and FASH 140

- **FASH 166** Fitting Techniques and Alterations
  PRE: FASH 130 & FASH 199A & FASH 140

- **FASH 199A** Fashion Laboratory A
  CO: FASH 130

- **FASH 199B** Fashion Laboratory B
  CO: FASH 145

- **FASH 199C** Fashion Laboratory C
  CO: FASH 131

- **FERM 110** Importing and Distribution
  Completion of or concurrent enrollment in FERM 101

- **FERM 120** Fundamentals of Spirits
  Completion of or concurrent enrollment in FERM 101

- **FERM 130** Flavor and Form
  Completion of or concurrent enrollment in FERM 101

- **FERM 140** Beer Production Laboratory
  PRE: FERM 101 and CHEM 111 & CHEM 111L or CHEM 152 & CHEM 152L and BUSE 115 or MATH 119 or MATH 116

- **FERM 150** Wine Production Laboratory
  PRE: FERM 101 and CHEM 111 & CHEM 111L or CHEM 152 & CHEM 152L and BUSE 115 or MATH 119 or MATH 116

- **FERM 160** Retail and Marketing Laboratory
  Completion of or concurrent enrollment in FERM 140 or FERM 150

- **FIPT 150B** Introduction to Fire Suppression and Maintenance Manipulative Tasks (Intermediate)
  Completion of or concurrent enrollment in FIPT 150A

- **FIPT 150C** Introduction to Fire Suppression and Maintenance Manipulative Tasks (Advanced)
  Completion of or concurrent enrollment in FIPT 150B

- **FIPT 150D** Introduction to Fire Suppression and Maintenance Manipulative Tasks (Truck Operations)
  Completion of or concurrent enrollment in FIPT 150C

- **FIPT 311A** Swiftwater Rescue Technician I
  PRE: FIPT 160

- **FIPT 360A** Advanced Open Water Lifeguard Training
  PRE: FIPT 160 or FIPT 363

- **FIPT 362A** In-service Fire Training Modules
  PRE: FIPT 381F or Firefighter I card or FIPT 381G or Firefighter I card or FIPT 381S or Firefighter I card

- **FIPT 362B** In-service Lifeguard Training Modules
  PRE: FIPT 160

- **FIPT 365** All Terrain Vehicle Operations - Lifeguards
  PRE: FIPT 160

- **FIPT 366A** Personal Watercraft Operations
  PRE: FIPT 160

- **FIPT 381F** Regional Firefighter I Academy
  PRE: EMGM 105A or EMT certificate

- **FIPT 381S** San Diego City Basic Firefighter I Academy
  PRE: EMGM 105A or EMT certificate

- **FREN 102** Second Course in French
  PRE: FREN 101 or two years of high school French

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
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<tbody>
<tr>
<td>FREN 201</td>
<td>Third Course in French</td>
<td>FREN 102 or three years of high school French</td>
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<tr>
<td>FREN 202</td>
<td>Fourth Course in French</td>
<td>FREN 201 or four years of high school French</td>
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<tr>
<td>FREN 210</td>
<td>Conversation and Composition in French I</td>
<td>FREN 102 or successful completion of three years of high school French</td>
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<td>FREN 211</td>
<td>Conversation and Composition French II</td>
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<td>GEOG 101L</td>
<td>Physical Geography Laboratory</td>
<td>Completion of or concurrent enrollment in GEOG 101</td>
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<td>GEOL 101</td>
<td>Physical Geology Laboratory</td>
<td>Completion of or concurrent enrollment in GEOL 100</td>
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<td>GEOL 120</td>
<td>Earth Science Laboratory</td>
<td>Completion of or concurrent enrollment in GEOL 104</td>
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<td>GERM 102</td>
<td>Second Course in German</td>
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<td>GERM 201</td>
<td>Third Course in German</td>
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<td>German Conversation and Composition I</td>
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<td>GERM 211</td>
<td>German Conversation and Composition II</td>
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<td>GISG 104</td>
<td>Geographic Information Science and Spatial Reasoning</td>
<td>GISG 110, MATH 96 or M50</td>
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<td>GISG 111</td>
<td>Geographic Information Systems and Cartography</td>
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<td>GISG 112</td>
<td>Spatial Analysis with Geographic Information Systems</td>
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<td>Advanced Geographic Information Systems Applications</td>
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<td>GISG 114</td>
<td>Spatial Databases in Geographic Information Systems</td>
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<td>GISG 270</td>
<td>Geographic Information Systems Work Experience</td>
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<td>HEIT 130</td>
<td>Basic Pharmacology</td>
<td>MEDA 115</td>
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<td>HEOP 301B</td>
<td>Construction Equipment Operator IIB</td>
<td>HEOP 302B</td>
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<td>HEOP 302A</td>
<td>Construction Equipment Operator IIIA</td>
<td>HEOP 301B</td>
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<tr>
<td>HEOP 302B</td>
<td>Construction Equipment Operator IIIB</td>
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<td>Lodging and Resort Management &amp; Operations</td>
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<td>HOSP 121</td>
<td>Event &amp; Hospitality Marketing &amp; Sales</td>
<td>Completion of or concurrent enrollment in HOSP 101</td>
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<td>HOSP 130</td>
<td>Hospitality Law</td>
<td>HOSP 101</td>
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<td>HOSP 152</td>
<td>Hospitality Human Resources</td>
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<td>HOSP 162</td>
<td>Meeting and Convention Management</td>
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<td>HOSP 166</td>
<td>Special Event Management and Consulting</td>
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<td>HOSP 185</td>
<td>Event &amp; Meeting Facilities Management</td>
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<td>HUMS 112</td>
<td>Community Service Practicum</td>
<td>HUMS 103 or HUMS 106</td>
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<td>HUMS 122</td>
<td>Practicum 2: Field Work</td>
<td>HUMS 270, HUMS 95 &amp; HUMS 101</td>
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<td>INTE 105</td>
<td>Residential Design</td>
<td>INTE 101 &amp; INTE 112B &amp; INTE 115</td>
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<td>INTE 110</td>
<td>Materials and Resources</td>
<td>INTE 101 &amp; INTE 112A &amp; INTE 115</td>
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<td>INTE 112B</td>
<td>Visual Communication II</td>
<td>INTE 112B &amp; INTE 115</td>
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<td>INTE 120</td>
<td>Revit for Interiors</td>
<td>INTE 112A</td>
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<td>INTE 130</td>
<td>Interior Design Professional Practice</td>
<td>INTE 105</td>
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<tr>
<td>INTE 145</td>
<td>Interior Building Systems and Codes</td>
<td>INTE 101 &amp; INTE 112A</td>
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<td>INTE 200</td>
<td>Kitchen and Bath Design</td>
<td>INTE 105 &amp; INTE 110 &amp; INTE 145</td>
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<td>INTE 205</td>
<td>Non-Residential Space Planning</td>
<td>INTE 105 &amp; INTE 110 &amp; INTE 145</td>
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<td>INTE 210</td>
<td>Presentation and Color Rendering</td>
<td>INTE 112B &amp; INTE 115</td>
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<td>INTE 215</td>
<td>Environmental Lighting Design</td>
<td>INTE 105</td>
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<td>INTE 270</td>
<td>Work Experience</td>
<td>INTE 101</td>
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<tr>
<td>INWT 185</td>
<td>AWS Cloud Foundations (CF)</td>
<td>INWT 102</td>
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<tr>
<td>INWT 186</td>
<td>AWS Cloud Computing Architecture (CCA)</td>
<td>INWT 185</td>
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<tr>
<td>ITAL 102</td>
<td>Second Course in Italian</td>
<td>ITAL 101 or two years of high school Italian or equivalent</td>
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<tr>
<td>ITAL 201</td>
<td>Third Course in Italian</td>
<td>ITAL 101 or two years of high school Italian or equivalent</td>
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<tr>
<td>ITAL 210</td>
<td>The Grammar of Spoken Italian I</td>
<td>ITAL 102</td>
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<tr>
<td>ITAL 211</td>
<td>The Grammar of Spoken Italian II</td>
<td>ITAL 210</td>
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</tbody>
</table>

**NOTE:** All Prerequisites must be completed with a grade of "C" or better and may be satisfied with equivalent coursework. Milestone: R = Reading, W = Writing, M = Math, ELAC = English Language Acquisition. PRE = Prerequisite (Completion of); CO = Co-requisite (Concurrent enrollment)
### Summer 2020 Pre/Co Requisite List

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
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<tr>
<td>JAPN 102</td>
<td>Second Course in Japanese</td>
<td>PRE: JAPN 101 or two years of high school Japanese</td>
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<tr>
<td>JAPN 201</td>
<td>Third Course in Japanese</td>
<td>PRE: JAPN 102 or three years of high school Japanese</td>
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<tr>
<td>JAPN 202</td>
<td>Fourth Course in Japanese</td>
<td>PRE: JAPN 201 or four years of high school Japanese</td>
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<tr>
<td>JAPN 210</td>
<td>Conversation and Composition in Japanese I</td>
<td>PRE: JAPN 102</td>
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<td>JAPN 211</td>
<td>Conversation and Composition in Japanese II</td>
<td>PRE: JAPN 210</td>
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<tr>
<td>JOUR 201</td>
<td>Advanced Newwriting and Reporting</td>
<td>PRE: JOUR 200</td>
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<tr>
<td>JOUR 205</td>
<td>Editing for Print Journalism</td>
<td>PRE: JOUR 200 or JOUR 210A or JOUR 206</td>
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<td>JOUR 210B</td>
<td>Newspaper Production 2</td>
<td>PRE: JOUR 210A</td>
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<tr>
<td>JOUR 210C</td>
<td>Newspaper Production 3</td>
<td>PRE: JOUR 210B</td>
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<tr>
<td>JOUR 210D</td>
<td>Newspaper Production 4</td>
<td>PRE: JOUR 210C</td>
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<td>LATI 102</td>
<td>Second Course in Latin</td>
<td>PRE: LATI 101 or two years of high school Latin with a grade of C or better</td>
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<tr>
<td>LATI 201</td>
<td>Third Course in Latin</td>
<td>PRE: LATI 102 or three years of high school Latin with grades of C or better</td>
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<tr>
<td>LCOM 41</td>
<td>ENGL 49/MATH 46/PERG 130</td>
<td>PRE: ENGL 43 or ELAC 45 or ELAC 145 or W40</td>
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<td>LCOM 43B</td>
<td>ENGL 49/BLAS 116/MATH 46/PERG 130</td>
<td>PRE: ELAC 45 or ELAC 145 or ENGL 43 or W40</td>
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<td>LCOM 49a</td>
<td>English 49/Chicano Studies 141A</td>
<td>PRE: ENGL 43 or ELAC 45 or ELAC 145 or W40</td>
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<td>LCOM 49b</td>
<td>English 49/History 109</td>
<td>PRE: ENGL 43 or ELAC 45 or ELAC 145 or W40</td>
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<tr>
<td>LCOM 49c</td>
<td>English 49/Math 34A/Personal Growth 130</td>
<td>PRE: ELAC 45 or ELAC 145 or ENGL 43 or W40</td>
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<td>LCOM 51A</td>
<td>Learning Community: ENGL 49/PERG 127</td>
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<td>LCOM 51B</td>
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<td>English 49/Personal Growth 140</td>
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<td>LCOM 51D</td>
<td>Learning Community: English 49 and Personal Growth 120</td>
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<td>LCOM 90</td>
<td>English 48/Psychology 101</td>
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<td>LCOM 95G</td>
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<td>LCOM 96C</td>
<td>English 101/Math 96</td>
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<td>LCOM 96D</td>
<td>English 105/Math 96</td>
<td>PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 &amp; W50 or R40 &amp; W40</td>
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<td>LCOM 100</td>
<td>English 101/Philosophy 100</td>
<td>PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 &amp; W50 or R40 &amp; W40</td>
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<td>Learning Community: English 101/ Math 96/ Music 100/ Psychology 101</td>
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<td>LCOM 100H</td>
<td>Chemistry 100/Chemistry 100A/ Biology</td>
<td>PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 &amp; W50 or R40 &amp; W40</td>
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<td>English 101/Music 100</td>
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<td>LCOM 101F</td>
<td>English 101/History 109</td>
<td>PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 &amp; W50 or R40 &amp; W40</td>
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<td>LCOM 101G</td>
<td>English 101/Chicano Studies 141A</td>
<td>PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 &amp; W50 or R40 &amp; W40</td>
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<td>LCOM 101H</td>
<td>Learning Community: English 101/ Sociology 101</td>
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<td>LCOM 101J</td>
<td>English 101/Communication Studies 103</td>
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<td>LCOM 101L</td>
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<td>ENGL 101/DRAM 105</td>
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<td>English 101/Philosophy 108</td>
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<td>Child Development 101/English 101</td>
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</tbody>
</table>

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Summer 2020 Pre/Co Requisite List

LCOM 101U ENGL 101/PERG 120/MATH 119/MATH 15A
PRE: ENGL 47A or ENGL 48 & ENGL 49 or R50 & W50 or R40 & W40 and MATH 96 or M50 or MATH 92 or M40

LCOM 102 English101/Humanities 101
PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 & W50 or R40 & W40

LCOM 103C English 31/English 101/Communication Studies 103
PRE: Milestones R30 and W30

LCOM 105 ENGL 105/PERG 130/MATH 46
PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 & W50 or R40 & W40

LCOM 107 English 101/Biology 107
PRE: ENGL 47A or ENGL 48 and ENGL 49 or R50 & W50 or R40 & W40

LCOM 120B English 48/English 49/Personal Growth 120
PRE: ELAC 45 or ELAC 145 or ENGL 42 and ENGL 43 or R40 & W40

LCOM 120D English 101/English 31/Personal Growth 120
PRE: Milestones R30 & W30

LCOM 120M Engl 101/Engl 31/Math 15B/Math 96/Perc 120/Blas 140A
PRE: Milestones R30 & W30

LCOM 140A Learning Community: English 49/English 48/Personal Growth 120/Black Studies 140A
PRE: ENGL 42 & ENGL 43 or ELAC 45 or ELAC 145 or R40 & W40

LCOM 140B Learning Community: English 101/Communications 103/Personal Growth 140/Black Studies 140B
PRE: ENGL 42 & ENGL 43 or ELAC 45 or ELAC 145 or R40 & W40

LCOM 195 Physics 195/Mathematics 151
PRE: MATH 150

LCOM 201 Learning Community: Medical Laboratory Technician 201/Medical Laboratory Technician 202
PRE: BIOL 107 or BIOL 131 and CHEM 130 & CHEM 130L and CHEM 160 and BIOL 230 and BIOL 235 (CHEM 130, 130L, BIOL 230, and BIOL 235 must be completed within seven years prior to enrollment)

LCOM 205A English 205/Chicano Studies 141B
PRE: ENGL 101 or ENGL 105 or R60 and W60

LCOM 205B English 205/History 110
PRE: ENGL 101 or ENGL 105 or R60 and W60

LCOM 205C English 205, Math 119
PRE: ENGL 101 or ENGL 105 or R60 and W60 and MATH 96 or M50 or M40.

LCOM 205P English 205/Communication Studies 103
PRE: ENGL 101 or ENGL 105 or R60 and W60

LCOM 205U English 205/Personal Growth 130/Math 96
PRE: ENGL 101 or ENGL 105 or R60 and W60

LCOM 275E CHIL 151 Program Planning/CHIL 275 Supervised Field Study
PRE: CHIL 101 and CHIL 111 or CHIL 121 or CHIL 131

MATH 104X Mathematics 104/Mathematics 15D
PRE: Milestone M30

MATH 107 Introduction to Scientific Programming
PRE: MATH 96 or M50 or M40
CO: MATH 107L

MATH 107L Introduction to Scientific Programming Lab
CO: MATH 107

MATH 109 Explorations in Mathematical Analysis
PRE: MATH 48A or MATH 59

MATH 115 Gateway to Experimental Statistics
PRE: MATH 47A or MATH 57A or Statway I

MATH 116 College and Matrix Algebra
PRE: MATH 96 or M50 or M40 or MATH 109 or students with Milestone M30 must enroll in Mathematics 116X (Mathematics 116 and Mathematics 15C learning community)

MATH 116X Math 116/Math 15C
PRE: Milestone M30

MATH 118 Math for the Liberal Arts Student
PRE: MATH 96 or M50 or MATH 92 or M40 or MATH 109

MATH 119 Elementary Statistics
PRE: MATH 96 or M50 or MATH 92 or M40 or MATH 109 or students with Milestone M30 must enroll in Mathematics 119X (MATH 119 and 15A learning community)

MATH 119X Math 119/Math 15A
PRE: Milestone M30

MATH 121 Basic Techniques of Applied Calculus I
PRE: MATH 116

MATH 122 Basic Techniques of Calculus II
PRE: MATH 121

MATH 141 Precalculus
PRE: MATH 104 or students with Milestone M30 must enroll in Mathematics 141X (MATH 141 and 15E learning community)

MATH 141X Math 141/Math 15E
PRE: Milestone M30

MATH 150 Calculus with Analytic Geometry I
PRE: MATH 141

MATH 150L Calculus I Laboratory
PRE: MATH 141
CO: MATH 150

MATH 151 Calculus with Analytic Geometry II
PRE: MATH 150

MATH 210A Concepts of Elementary School Mathematics I
PRE: MATH 96 or M50 or MATH 92 or M40

MATH 210B Concepts of Elementary School Mathematics II
PRE: MATH 210A

MATH 212 Children’s Mathematical Thinking
Completion of or concurrent enrollment in MATH 210A

MATH 215 Introduction to Teaching Mathematics
PRE: MATH 141 or MATH 116

MATH 245 Discrete Mathematics
PRE: MATH 122 or MATH 151

MATH 252 Calculus with Analytic Geometry III
PRE: MATH 151

MATH 254 Introduction to Linear Algebra
PRE: MATH 151

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MATH 255 Differential Equations  
PRE: MATH 252 and MATH 254

MEDA 56 Administrative Medical Assisting I  
PRE: MEDA 110

MEDA 78 Principles of Patient Care  
Completion of or concurrent enrollment in MEDA 55 & MEDA 110

MEDA 82 Diagnostic Testing  
PRE: BIOL 160  
Completion of or concurrent enrollment in MEDA 55 & MEDA 110 & MEDA 76

MEDA 84 Phlebotomy for Medical Assisting  
PRE: MEDA 76

MEDA 86 Administrative Medical Assisting II  
PRE: MEDA 110

MEDA 88 Electrocardiogram Application  
PRE: MEDA 76 and MEDA 55 or BIOL 160

MEDA 92 Minor Surgery  
PRE: MEDA 76

MEDA 94 Medication Administration  
PRE: MEDA 110 and MEDA 76

MEDA 97 Directed Clinical Practice  
PRE: MEDA 110 & MEDA 76 & MEDA 78 & MEDA 82

MEDA 115 Pathophysiology  
PRE: MEDA 55 or MEDA 110 or BIOL 160

MFET 107 Introduction to Manufacturing Project  
Completion of or concurrent enrollment in MFET 101

MFET 120 Manufacturing Processes  
Completion of or concurrent enrollment in MFET 115

MFET 150 Manufacturing Automation  
PRE: MFET 120

MFET 250 Manufacturing Capstone Course  
PRE: MFET 101 & MFET 105 & MFET 115  
Completion of or concurrent enrollment in MFET 110 & MFET 230

MLTT 61 Directed Clinical Practice in Clinical Chemistry  
PRE: MLTT 201 & MLTT 202 & MLTT 203  
All prerequisites must be completed within five years prior to enrollment.

MLTT 62 Directed Clinical Practice in Clinical Hematology, Urinalysis and Coagulation  
PRE: MLTT 201 & MLTT 202 & MLTT 203  
All prerequisites must be completed within five years prior to enrollment.

MLTT 63 Directed Clinical Practice in Clinical Immunology and Immunohematology  
PRE: MLTT 201 & MLTT 202 & MLTT 203  
All prerequisites must be completed within five years prior to enrollment.

MLTT 64 Directed Clinical Practice in Clinical Microbiology  
PRE: MLTT 201 & MLTT 202 & MLTT 203  
All prerequisites must be completed within five years prior to enrollment.

MLTT 201 Clinical Chemistry and Urinalysis  
PRE: BIOL 107 or BIOL 131 & CHEM 130 & CHEM 130L & BIOL 230 & BIOL 235  
CHEM 130, 130L, BIOL 230, and BIOL 235 must be completed within seven years prior to enrollment

MLTT 202 Clinical Hematology and Immunology  
PRE: BIOL 107 or BIOL 131 & CHEM 130 & CHEM 130L & BIOL 230 & BIOL 235  
CHEM 130, 130L, BIOL 230, and BIOL 235 must be completed within seven years prior to enrollment

MLTT 203 Clinical Microbiology  
PRE: BIOL 107 or BIOL 131 and CHEM 130 & CHEM 130L and BIOL 230 and BIOL 235  
CHEM 130, 130L, BIOL 230, and BIOL 235 must be completed within seven years prior to enrollment

MLTT 204 Principles of Blood Banking  
PRE: MLTT 202

MUSI 116B Piano Class II  
PRE: MUSI 116A

MUSI 121 Voice Class II  
PRE: MUSI 120

MUSI 123B Recital Hour II  
PRE: MUSI 123A

MUSI 123C Recital Hour III  
PRE: MUSI 123C

MUSI 123D Recital Hour IV  
PRE: MUSI 123C

MUSI 132B Classical Guitar II  
PRE: MUSI 132A

MUSI 135B Guitar Class II  
PRE: MUSI 135A

MUSI 158A Music Theory I  
PRE: MUSI 150A

MUSI 158B Music Theory II  
PRE: MUSI 150A

MUSI 174A Individualized Study I  
PRE: MUSI 150A

MUSI 174B Individualized Study II  
PRE: MUSI 174A

MUSI 174C Individualized Study III  
PRE: MUSI 174B

MUSI 174D Individualized Study IV  
PRE: MUSI 174C

MUSI 201 Recording Arts  
PRE: MUSI 190

MUSI 202 Computer Music  
PRE: MUSI 190

MUSI 203 Large Console Audio Recording  
PRE: MUSI 190

MUSI 204 Audio System Design and Maintenance  
PRE: MUSI 190 and MUSI 201 or MUSC 50 and MUSC 80

MUSI 205A Projects in Electronic Music I  
PRE: MUSI 190

MUSI 205B Projects in Electronic Music II  
PRE: MUSI 190

MUSI 209A Electronic Music Studio Internship I  
PRE: MUSI 190

MUSI 209B Electronic Music Studio Internship II  
PRE: MUSI 209A

MUSI 209C Electronic Music Studio Internship III  
PRE: MUSI 209B

MUSI 209D Electronic Music Studio Internship IV  
PRE: MUSI 209C

MUSI 211B Vocal Ensemble II  
PRE: MUSI 211A

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### Summer 2020 Pre/Co Requisite List

#### MUSI 211C Vocal Ensemble III
**PRE:** MUSI 211B

#### MUSI 211D Vocal Ensemble IV
**PRE:** MUSI 211C

#### MUSI 216A Piano Class III
**PRE:** MUSI 116B

#### MUSI 216B Piano Class IV
**PRE:** MUSI 216A

#### MUSI 240 Voice Class I
**PRE:** MUSI 121

#### MUSI 241 Voice Class IV
**PRE:** MUSI 240

#### MUSI 251B World Music Ensemble II
**PRE:** MUSI 251A

#### MUSI 251C World Music Ensemble III
**PRE:** MUSI 251B

#### MUSI 251D World Music Ensemble IV
**PRE:** MUSI 251C

#### MUSI 252B Jazz Big Band II
**PRE:** MUSI 252A

#### MUSI 252C Jazz Big Band III
**PRE:** MUSI 252B

#### MUSI 252D Jazz Big Band IV
**PRE:** MUSI 252C

#### MUSI 253B Jazz Ensemble II
**PRE:** MUSI 253A

#### MUSI 253C Jazz Ensemble III
**PRE:** MUSI 253B

#### MUSI 253D Jazz Ensemble IV
**PRE:** MUSI 253C

#### MUSI 256B Guitar Ensemble II
**PRE:** MUSI 256A

#### MUSI 256C Guitar Ensemble III
**PRE:** MUSI 256B

#### MUSI 256D Guitar Ensemble IV
**PRE:** MUSI 256C

#### MUSI 268A Beginning Ear Training Laboratory I
**PRE:** MUSI 150A

#### MUSI 268B Beginning Ear Training Laboratory II
**PRE:** MUSI 268A

#### MUSI 269A Advanced Ear Training Laboratory III
**PRE:** MUSI 268B

#### MUSI 269B Advanced Ear Training Laboratory IV
**PRE:** MUSI 269A

#### MUSI 274A Applied Music I
**PRE:** MUSI 150A

#### MUSI 274B Applied Music II
**PRE:** MUSI 274A

#### NRSE 140 Foundations of Nursing
**PRE:** BIOL 205 & BIOL 230 & BIOL 235

#### NRSE 141 Pharmacology for Nursing
**PRE:** NRSE 140 & NRSE 141

#### NRSE 142 Medical Surgical Nursing I
**PRE:** NRSE 140 & NRSE 141

#### NRSE 143 Pharmacology for Nursing II
**PRE:** NRSE 142

#### NRSE 144 Medical Surgical Nursing II
**PRE:** NRSE 142

#### NRSE 145 Pharmacology for Nursing III
**PRE:** NRSE 142

#### NRSE 146 Maternal-Child Health Nursing
**PRE:** NRSE 142

#### NRSE 147 Pharmacology for Nursing IV
**PRE:** NRSE 142

#### NRSE 235 LVN to RN Transition
**PRE:** BIOL 205 & BIOL 230 & BIOL 235

#### NRSE 240 Medical/Surgical Nursing III
**PRE:** NRSE 144 & NRSE 146 & NRSE 235

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Summer 2020 Pre/Co Requisite List

NRSE 241 Pharmacology for Nursing V
Completion of or concurrent enrollment in NRSE 240
NRSE 242 Mental Health & Gerontological Nursing
PRE: NRSE 144 or NRSE 146 or NRSE 235
NRSE 243 Pharmacology for Nursing VI
Completion of or concurrent enrollment in NRSE 242
NRSE 244 Medical Surgical Nursing IV
PRE: NRSE 240 & NRSE 242
NRSE 245 Pharmacology for Nursing VII
Completion of or concurrent enrollment in NRSE 244
NRSE 246 Leadership in Nursing
PRE: NRSE 240 & NRSE 242
NRSE 270 Occupational Work Experience in Nursing Education
PRE: NRSE 144 & NRSE 146
NUTR 155 Advanced Nutrition
PRE: NUTR 150 and BIOL 107 and CHEM 100 & CHEM 100L
PARA 100B Introduction to Law
PRE: PARA 100A
PARA 105 Legal Research
Completion of or concurrent enrollment in PARA 100A
PARA 110 Legal Writing & Communications
Completion of or concurrent enrollment in PARA 105
PARA 115 Civil Litigation - Procedures
Completion of or concurrent enrollment in PARA 100A
PARA 120 Tort Law
Completion of or concurrent enrollment in PARA 100A
PARA 140 Law Office Technology
Completion of or concurrent enrollment in PARA 100A or CBTE 221
PARA 145 Federal Court Practices and Procedures
Completion of or concurrent enrollment in PARA 100A
PARA 150 Criminal Litigation and Procedure
Completion of or concurrent enrollment in PARA 100A
PARA 155 Employment Law
Completion of or concurrent enrollment in PARA 100A
PARA 160 Bankruptcy Law
Completion of or concurrent enrollment in PARA 100A
PARA 165 Family Law
Completion of or concurrent enrollment in PARA 100A
PARA 170 Corporate Law
Completion of or concurrent enrollment in PARA 100A
PARA 175 Estates, Trusts, and Wills
Completion of or concurrent enrollment in PARA 100A
PARA 180 Contract Law
Completion of or concurrent enrollment in PARA 100A
PARA 200 Elder Law
Completion of or concurrent enrollment in PARA 100A
PARA 205 Environmental Law
Completion of or concurrent enrollment in PARA 100A
PARA 210 Immigration Law
Completion of or concurrent enrollment in PARA 100A
PARA 215 Administrative Law
Completion of or concurrent enrollment in PARA 100A
PARA 220 Intellectual Property Law
Completion of or concurrent enrollment in PARA 100A
PARA 225 Real Estate Law
Completion of or concurrent enrollment in PARA 100A
PARA 270 Paralegal Internship / Work Experience
Completion of or concurrent enrollment in PARA 100B
PHIL 205 Critical Thinking and Writing in Philosophy
PRE: ENGL 101 or ENGL 105 or R60 and W60
PHLB 60 Phlebotomy Directed Clinical Practice
PRE: PHLB 50
PHOT 102 Directed Photo Lab Studies
Completion of or concurrent enrollment in PHOT 100 or PHOT 143
PHOT 103 Intermediate Directed Photo Lab Studies
PRE: PHOT 102
PHOT 125 Photo Business Operations
PRE: PHOT 100 or PHOT 143
PHOT 127 Self Promotion for Professional Photographers
PRE: PHOT 100 or PHOT 143
PHOT 135 Intermediate Black & White Photography
PRE: PHOT 100
PHOT 145 Color Transparency Photography
PRE: PHOT 100
PHOT 160 Book Publishing for Photographers
PRE: ARTG 100 or PHOT 100 or PHOT 143
PHOT 165 Online Portfolio: Websites for Photographers
PRE: PHOT 143
PHOT 180 Photo Editing: Lightroom
PRE: PHOT 143
PHOT 181 Photo Editing: Photoshop
PRE: PHOT 143
PHOT 200A Photographic Lighting Techniques
PRE: PHOT 143
PHOT 203 Intermediate Lighting Techniques
PRE: PHOT 200A
PHOT 204 Creative Photographic Techniques
PRE: PHOT 100 or PHOT 143
PHOT 206 Advanced Creative Techniques
PRE: PHOT 143
PHOT 211 Analog Creative Photographic Techniques
PRE: PHOT 100
PHOT 212 Creative Digital Techniques
PRE: PHOT 143
PHOT 213 Intermediate Analog Creative Techniques
PRE: PHOT 100 or PHOT 143
PHOT 214 Intermediate Digital Creative Techniques
PRE: PHOT 143
PHOT 215 Photo Journalism and Documentary Photography
PRE: PHOT 100 or PHOT 143
PHOT 216 Advanced Analog Techniques
PRE: PHOT 135
PHOT 217 Advanced Digital Techniques
PRE: PHOT 143
PHOT 218 Intermediate Photographic Techniques
PRE: PHOT 143
PHOT 219 Printing on Canvas or Other Materials
PRE: PHOT 143
PHOT 220 Portraiture
PRE: PHOT 200A
PHOT 221 Fine Art and Photography
PRE: PHOT 143
PHOT 224 Color Management for Digital Photography
PRE: PHOT 243
PHOT 230 Advertising Photography
PRE: PHOT 100 & PHOT 143 & PHOT 200A

NOTE: All Prerequisites must be completed with a grade of "C" or better and may be satisfied with equivalent coursework. Milestone: R = Reading, W = Writing, M = Math, ELAC = English Language Acquisition. PRE = Prerequisite (Completion of); CO = Co-requisite (Concurrent enrollment)
### Summer 2020 Pre/Co Requisite List

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
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<tbody>
<tr>
<td>PHOT 235</td>
<td>Advanced Black and White Photography</td>
<td>PRE: PHOT 135</td>
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<tr>
<td>PHOT 237</td>
<td>Historic &amp; Alternative Photo Processes</td>
<td>PRE: PHOT 135</td>
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<tr>
<td>PHOT 240</td>
<td>Large Format Photography</td>
<td>PRE: PHOT 100</td>
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<tr>
<td>PHOT 243</td>
<td>Advanced Digital Photography</td>
<td>PRE: PHOT 143</td>
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<tr>
<td>PHOT 245</td>
<td>Landscape and Nature Photography</td>
<td>PRE: PHOT 100 or PHOT 105 or PHOT 143</td>
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<tr>
<td>PHOT 250</td>
<td>Fashion Photography</td>
<td>PRE: PHOT 200A</td>
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<tr>
<td>PHOT 257</td>
<td>Wedding and Event Photography</td>
<td>PRE: PHOT 100 or PHOT 143</td>
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<tr>
<td>PHOT 258</td>
<td>Production for Commercial Photography</td>
<td>PRE: PHOT 200A</td>
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<tr>
<td>PHOT 259A</td>
<td>Photographic Portfolio</td>
<td>PRE: PHOT 100 or PHOT 143</td>
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<td>PHOT 259B</td>
<td>Photographic Portfolio II</td>
<td>PRE: PHOT 259A</td>
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<td>PHYN 101</td>
<td>Survey of Physical Science Laboratory</td>
<td>Completion of or concurrent enrollment in PHYN 100</td>
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<tr>
<td>PHYR 225</td>
<td>Acute Care Techniques</td>
<td>CO: PHYR 225L</td>
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<td>PHYR 225L</td>
<td>Acute Care Techniques Lab</td>
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<td>PHYR 250</td>
<td>Introduction to Therapeutic Exercise</td>
<td>PRE: PHYR 230</td>
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<tr>
<td>PHYR 260</td>
<td>Topics in Neurology and Rehabilitation</td>
<td>PRE: PHYR 225 &amp; PHYR 225L</td>
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<td>Topics in Neurology and Rehabilitation Lab</td>
<td>CO: PHYR 260L</td>
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<tr>
<td>PHYR 264</td>
<td>Therapeutic Modalities</td>
<td>CO: PHYR 264L</td>
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<td>PHYR 264L</td>
<td>Therapeutic Modalities Lab</td>
<td>CO: PHYR 264</td>
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<tr>
<td>PHYR 275</td>
<td>Orthopedic Exercise and Rehabilitation</td>
<td>PRE: PHYR 250</td>
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<td>PHYR 275L</td>
<td>Orthopedic Exercise and Rehabilitation Lab</td>
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<td>PHYR 291</td>
<td>Directed Clinical Practice I</td>
<td>PRE: PHYR 225 &amp; PHYR 225L &amp; PHYR 250</td>
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<tr>
<td>PHYR 295</td>
<td>Directed Clinical Practice II</td>
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<tr>
<td>PHYR 298</td>
<td>Directed Clinical Practice III</td>
<td>PRE: PHYR 295</td>
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<tr>
<td>PHYS 100</td>
<td>Introductory Physics</td>
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<td>PHYS 125</td>
<td>General Physics</td>
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<td>PHYS 126</td>
<td>General Physics II</td>
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<td>PHYS 181A</td>
<td>General Physics Laboratory I</td>
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<td>PHYS 181B</td>
<td>General Physics Laboratory II</td>
<td>PRE: PHYS 180A</td>
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<td>PHYS 195</td>
<td>Mechanics</td>
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<tr>
<td>PHYS 196</td>
<td>Electricity and Magnetism</td>
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<tr>
<td>PHYS 197</td>
<td>Waves, Optics and Modern Physics</td>
<td>PRE: PHYS 196</td>
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<td>PLBG 160B</td>
<td>Introduction To Plumbing II</td>
<td>PRE: PLBG 160A or PLBG 305</td>
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<td>PLBG 165A</td>
<td>Intermediate Plumbing I</td>
<td>PRE: PLBG 165B or PLBG 310</td>
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<tr>
<td>PLBG 165B</td>
<td>Intermediate Plumbing II</td>
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<td>PLBG 170A</td>
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<td>PLBG 170B</td>
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<td>Pipefitting I</td>
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<td>Pipefitting III</td>
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<td>PLPF 195</td>
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<td>Elementary Statistics for Political Science</td>
<td>PRE: MATH 92 or MATH 96 or M50 or MATH 109</td>
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<td>PSYC 201</td>
<td>Academic and Career Opportunities in Psychology</td>
<td>PRE: PSYC 101</td>
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<td>PSYC 211</td>
<td>Learning</td>
<td>PRE: PSYC 101</td>
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<tr>
<td>PSYC 230</td>
<td>Psychology of Lifespan Development</td>
<td>PRE: PSYC 101</td>
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<tr>
<td>PSYC 255</td>
<td>Introduction to Psychological Research</td>
<td>PRE: PSYC 101 and PSYC 258 or MATH 119 or BIOL 200</td>
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<td>PSYC 258</td>
<td>Behavioral Science Statistics</td>
<td>PRE: MATH 92 or MATH 96 or M50</td>
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<td>PSYC 259</td>
<td>Behavioral Science Statistics Laboratory</td>
<td>Completion of or concurrent enrollment in PSYC 258</td>
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<td>PSYC 260</td>
<td>Introduction to Physiological Psychology</td>
<td>PRE: PSYC 101</td>
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<td>PSYC 283</td>
<td>Introduction to Cognitive Psychology</td>
<td>PRE: PSYC 101</td>
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<td>PSYC 401</td>
<td>Organizational Psychology for the Healthcare Professional</td>
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<td>RADT 86</td>
<td>Fluoroscopy and Radiation Safety</td>
<td>Completion of or concurrent enrollment in RADT 240</td>
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<td>RADT 121C</td>
<td>Radiographic Exposure Laboratory</td>
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<td>RADT 131</td>
<td>Patient Care</td>
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<td>RADT 150</td>
<td>Forensic Radiology for the Radiologic Technologist</td>
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<td>Radiographic Positioning I</td>
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<td>RADT 190L</td>
<td>Radiographic Positioning I Laboratory</td>
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<td>RADT 192</td>
<td>Image Analysis for Radiologic Technology</td>
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<td>RADT 201</td>
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<td>RADT 201L</td>
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<td>RADT 210L</td>
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<td>RADT 221</td>
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<td>RADT 230</td>
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<tr>
<td>RTVF 246A</td>
<td>Advanced Television and Video Production Workshop - Production Management</td>
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<td>RTVF 246B</td>
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<tr>
<td>RTVF 246C</td>
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<tr>
<td>RTVF 246D</td>
<td>Advanced Television and Video Production Workshop - Directing</td>
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<tr>
<td>RUSS 102</td>
<td>Second Course in Russian</td>
<td>PRE: RUSS 101 or two years of high school Russian or equivalent</td>
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<tr>
<td>RUSS 201</td>
<td>Third Course in Russian</td>
<td>PRE: RUSS 102 or three years of high school Russian or equivalent</td>
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<tr>
<td>SHEE 60B</td>
<td>Level I Sheet Metal/HVAC</td>
<td>PRE: SHEE 60A or SHEE 301A</td>
</tr>
<tr>
<td>SHEE 65A</td>
<td>Level II Sheet Metal/HVAC</td>
<td>PRE: SHEE 60B or SHEE 301B</td>
</tr>
<tr>
<td>SHEE 70A</td>
<td>Level III Sheet Metal/HVAC</td>
<td>PRE: SHEE 70A or SHEE 302A</td>
</tr>
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</table>

**NOTE:** All Prerequisites must be completed with a grade of "C" or better and may be satisfied with equivalent coursework. Milestone: R = Reading, W = Writing, M = Math, ELAC = English Language Acquisition. PRE = Prerequisite (Completion of); CO = Co-requisite (Concurrent enrollment)
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<tr>
<td>SHEE 75B</td>
<td>Level IV Sheet Metal/HVAC</td>
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<tr>
<td>SOCO 220</td>
<td>Introduction to Research Methods in Sociology</td>
<td>PRE: SOCO 101</td>
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<td>SPAN 102</td>
<td>Second Course in Spanish</td>
<td>PRE: SPAN 101 or two years of high school Spanish with a grade of 'C' or better</td>
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<td>SPAN 125</td>
<td>Spanish for Health Care Professionals I</td>
<td>PRE: SPAN 101 or two years of high school Spanish with a grade of 'C' or better</td>
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<tr>
<td>SPAN 201</td>
<td>Third Course in Spanish</td>
<td>PRE: SPAN 102 or three years of high school Spanish</td>
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<td>SPAN 202</td>
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<td>SPAN 216</td>
<td>Spanish for Spanish Speakers II</td>
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<td>SPAN 221</td>
<td>Hispanic Literature for Spanish Speakers</td>
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<td>SPAN 222</td>
<td>Hispanic Culture and Civilization for Spanish Speakers</td>
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<tr>
<td>SUST 270</td>
<td>Sustainability Work Experience</td>
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<td>Advanced JavaScript for Web Development</td>
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