**COMPUTER AIDED DRAFTING AND DESIGN**

Associate of Applied Science

729

(Not designed as a Transfer Program)

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**First Year**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Planned</th>
<th>Completed</th>
<th>Spring Semester</th>
<th>Credits</th>
<th>Planned</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRF 231 Computer-Aided Drafting I</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>ARC 121 Architectural Drafting I</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>DRF 111 Technical Drafting I</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>DRF 140 Technical Drawing</td>
<td>3</td>
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<tr>
<td>ENG 111 College Composition I</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>DRF 232 Computer-Aided Drafting II</td>
<td>3</td>
<td>_____</td>
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<tr>
<td>ITE 119 Information Literacy</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>ENG 115 Technical Writing or</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
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<tr>
<td>MTH 115 Technical Mathematics I</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>ENG 112 College Composition II</td>
<td>3</td>
<td>_____</td>
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<tr>
<td>SDV ___ Student Orientation</td>
<td>1</td>
<td>_____</td>
<td>_____</td>
<td>IND 113 Materials and Processing in Manufact. or ARC 130 Intro to Materials and Methods of Construction</td>
<td>2-3</td>
<td>_____</td>
<td>_____</td>
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<tr>
<td>HLT/PED Health/Physical Ed Elective</td>
<td>1</td>
<td>_____</td>
<td>_____</td>
<td>MTH 116 Technical Mathematics II</td>
<td>3</td>
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</tbody>
</table>

Total Credits 17

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**Second Year**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Planned</th>
<th>Completed</th>
<th>Spring Semester</th>
<th>Credits</th>
<th>Planned</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRF 211 Advanced Technical Drawing I or</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>DRF 212 Advanced Technical Drawing II or</td>
<td>3</td>
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<tr>
<td>ARC 221 Arch.CAD App. Software I</td>
<td></td>
<td></td>
<td></td>
<td>ARC 222 Arch. CAD App. Software II</td>
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<tr>
<td>DRF 233 Computer-Aided Drafting III</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>ARC 130 Intro to Materials and Methods of Construction or IND 113 Materials and Processing in Manufacturing</td>
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<tr>
<td>DRF 290 Internship or Technical Elective</td>
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<td>_____</td>
<td>_____</td>
<td>DRF 237 CADD System Management</td>
<td>3</td>
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<tr>
<td>BUS 100 Introduction to Business (Workplace Skills)</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>DRF 280 Design Capstone Project</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>___ ___ Social Science Elective*</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>HLT/PED Health or Physical Ed Elective</td>
<td>1</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>___ ___ Humanities Elective*</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
<td>___ ___ Social Science Elective*</td>
<td>3</td>
<td>_____</td>
<td>_____</td>
</tr>
</tbody>
</table>

Total Credits 18

Total Minimum Credits: 67.
To take any course in which you use a computer, you should be able to type 20 words per minute and be proficient using a mouse or have successfully completed AST 117 or equivalent.

Computer course work completed five years prior to enrollment will not meet IT, ARC or DRF requirements.

Students may substitute a higher-level math course.

Technical elective: suggested technical electives by area of concentration.
ARCHITECTURAL: ELE 127 and ITD 112 (Photoshop)
CADD MANAGEMENT: ETR 164, ITD 110, ITN 101 and ITP 112
CIVIL/SURVEY: ETR 164, ITN 101 and ITD 112 (Photoshop)
GIS: GIS 200-201
MECHANICAL/ELECTRICAL: DRF 238, ETR 141 and ITP 112

*APPROVED ELECTIVES
The following electives will meet the requirements for PVCC associate degrees for the category of courses listed. However, students who plan to transfer to four-year institutions need to be aware of the transfer institution’s requirements.

Approved Humanities Course Electives
ART 100, ART 101, ART 102, ART 121, ART 122, ART 125, ART 131, ART 132, ART 153, ART 154, ART 216, ART 221, ART 222, ART 231, ART 232, ART 235, ART 236, ART 241, ART 242, ART 243, ART 244, ART 253, ART 254, ART 259, ART 271, ART 272
Any ASL 100 or 200 series
CST 100, CST 130, CST 131, CST 132, CST 135, CST 136, CST 141, CST 142, CST 145, CST 229, CST 250
DAN 200, DAN 210
ENG 150, ENG 211, ENG 212, ENG 237, ENG 241, ENG 242, ENG 243, ENG 244, ENG 251, ENG 252, ENG 253, ENG 254, ENG 255, ENG 261, ENG 262, ENG 271, ENG 272, ENG 273, ENG 274, ENG 276
Any FRE 100 or 200 series
Any GER 100 or 200 series
Any GRE 100 or 200 series
HUM 201, HUM 202, HUM 241, HUM 242, HUM 259
Any ITA 100 or 200 series
Any JPN 100 or 200 series
Any LAT 100 or 200 series
MUS 121, MUS 122, MUS 127, MUS 221, MUS 222
PHI 101, PHI 102, PHI 111, PHI 200, PHI 220, PHI 227, PHI 260, PHI 266, PHI 276
REL 200, REL 210, REL 215, REL 216, REL 230, REL 233, REL 237, REL 240, REL 246
Any RUS 100 or 200 series
Any SPA 100 or 200 series

Approved Social Science Course Electives
ECO 201, ECO 202
GEO 200, GEO 210, GEO 220
HIS 101, HIS 102, HIS 111, HIS 112, HIS 121, HIS 122, HIS 155, HIS 211, HIS 241, HIS 242, HIS 253, HIS 254, HIS 270, HIS 277, HIS 281, HIS 282
PLS 120, PLS 135, PLS 211, PLS 212, PLS 241, PLS 242
PSY 200, PSY 215, PSY 230, PSY 235, PSY 236, PSY 237
SOC 200, SOC 215, SOC 266, SOC 268

Revised 10/15/2008