**DRAFTING TECHNOLOGY**

The Drafting program prepares students for careers as draftsmen in engineering related trades or as technicians who link the skilled worker and the engineer or architect. Instruction includes fundamentals of drafting, orthographic projection, multi-view drawing, dimensioning, and pictorial drawing. The program also emphasizes engineering production drafting, machine drafting, structural steel detailing, industrial pipe drafting, civil and map drafting, and architectural drafting. Students will also receive training on the latest computer-aided drafting software by AutoCAD and others.

### CHECKLIST FOR ASSOCIATE IN APPLIED SCIENCE

<table>
<thead>
<tr>
<th>Semester Hours</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area I - Written Composition 3</td>
<td>DDT 111 Fundamentals of Drafting and Design Technology 3</td>
</tr>
<tr>
<td>______ ENG 101 English Composition I 3</td>
<td>______ DDT 122 Advanced Technical Drawing 3</td>
</tr>
<tr>
<td>Area II - Humanities and Fine Arts 6</td>
<td>______ DDT 124 Intro to Technical Drawing 3</td>
</tr>
<tr>
<td>SPH 106 Fundamentals of Oral Communication or SPH 107 Fundamentals of Public Speaking 3</td>
<td>______ DDT 127 Intermediate and Computer Aided Drafting and Design 3</td>
</tr>
</tbody>
</table>

Fine Arts or Humanities Electives 3
- Choose from Art, Dance, Ethics, Humanities, Literature, Music, Philosophy, Religion, or Theater.

Area III - Natural Science or Mathematics 9-10
- MTH 100 Intermediate College Algebra or MTH 116 Mathematical Applications 3

CIS 146 Microcomputer Applications 3
- or demonstrated computer literacy skills or the integration of computer proficiencies within a required discipline-specific course.

Computer Science, Math or Natural Science Elective 3-4

Area IV - History, Social, and Behavioral Sciences 3
- Choose from Anthropology, Economics, Geography, History, Political Science, Psychology, or Sociology

Area V - Technical Concentration and Electives 52
- ORI 101 Orientation to College 1
- DDT 104 Introduction to Computer Aided Drafting and Design 3

Electives 9
- Recommended Electives
  - DDT 118 Basic Electrical Drafting 3
  - DDT 125 Surface Development 3
  - DDT 133 Basic Surveying 3
  - DDT 181 Special Topics in Drafting and Design Technology 3
  - DDT 182 Special Topics in Drafting and Design Technology 3
  - DDT 191 Drafting Internship 1
  - DDT 192 Drafting Internship 2
  - DDT 193 Drafting Internship 3
  - DDT 212 Intermediate Architectural Drafting 3
  - DDT 222 Advanced Architectural Drafting 3
  - DDT 233 Three Dimensional Modeling 3
  - DDT 237 Current Topics in CAD 3
  - DDT 238 Special Topics in CAD 3
  - DDT 239 Independent Studies 1-4
  - WKO 107 WorkKeys Targeted Instruction 0-3

**Total Hours Required for Degree** 73-74