



**ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE  
ENGINEERING: COMPUTER AIDED DRAFTING**

PROGRAM WORKSHEET AND GRADUATION REQUIREMENTS

Student Name: \_\_\_\_\_ Advisor: \_\_\_\_\_ Ext. \_\_\_\_\_

Aims #: \_\_\_\_\_ Evaluator: \_\_\_\_\_ Date: \_\_\_\_\_

Course Number	Requirements	Required Credits	Term Completed	Transfer Credits	Taken	Needs
CAD 100	Blueprint Reading for CAD	3	_____	_____	_____	_____
CAD 101	Computer Aided Drafting I	3	_____	_____	_____	_____
CAD 102	Computer Aided Drafting II	3	_____	_____	_____	_____
CAD 119	Intermediate CAD I	3	_____	_____	_____	_____
CAD 121	Intermediate CAD II	3	_____	_____	_____	_____
CAD 151	CAD/Technical Drafting Applications	4	_____	_____	_____	_____
CAD 160	AutoCAD Certificate Prep I	3	_____	_____	_____	_____
CAD 161	AutoCAD Certificate Prep II	3	_____	_____	_____	_____
CAD 226	Architectural Desktop	6	_____	_____	_____	_____
CAD 231	Land Desktop / AutoDesk	3	_____	_____	_____	_____
CAD 241	Inventor Basics	6	_____	_____	_____	_____
ENT 142	Surveying II	4	_____	_____	_____	_____
	Technical Elective Course or Internship	3	_____	_____	_____	_____
<b>Minimum Total</b>		<b>47</b>				

**General Education Courses Required for AAS Degree**

CIS 118	Introduction to PC Applications	3	_____	_____	_____	_____
ENG 131	Technical Writing I	3	_____	_____	_____	_____
PSY 100	Psychology of Workplace Relationships	3	_____	_____	_____	_____
SPE 115	Public Speaking	3	_____	_____	_____	_____
OR						
SPE 125	Interpersonal Communications	3	_____	_____	_____	_____
MAT 108	Technical Mathematics	4	_____	_____	_____	_____

**Total General Education Credits: 16**

**Technical Elective Courses**

ARC 206	Commercial Drawing / CAD Practice II	4	_____	_____	_____	_____
CAD 123	Three Dimensional CAD-Architectural	3	_____	_____	_____	_____
CAD 201	CAD/Custom	3	_____	_____	_____	_____
CAD 202	CAD/3-D	3	_____	_____	_____	_____
CAD 217	3-D Studio VIZ	3	_____	_____	_____	_____
CAD 235	Survey / AutoDesk	3	_____	_____	_____	_____
CAD 236	MAP / AutoDesk	3	_____	_____	_____	_____
CAD 242	Inventor Intermediate	6	_____	_____	_____	_____
CAD 243	Inventor Advanced	6	_____	_____	_____	_____
CAD 249	Auto LISP Programming	3	_____	_____	_____	_____
CAD 250	Visual Lisp Programming	3	_____	_____	_____	_____
CAD 254	Mechanical Desktop / AutoDesk	3	_____	_____	_____	_____
CAD 280	Internship	1 - 18	_____	_____	_____	_____
COM 101	Employment Strategies	1	_____	_____	_____	_____
CSC 150	Visual Basic Programming	3	_____	_____	_____	_____
GIS 101	Introduction to Global Information Systems	3	_____	_____	_____	_____
GIS 131	Global Positioning Systems for Global Info.	3	_____	_____	_____	_____
MGD 155	3 D Animation	3	_____	_____	_____	_____
PHY 111	Physics: Algebra Based I with Lab	5	_____	_____	_____	_____

**TOTAL CREDITS FOR DEGREE: 63**