COMPUTER ASSISTED DESIGN AND DRAFTING TECHNOLOGY - AAS (EAC)

The Computer Assisted Design and Drafting Technology AAS degree prepares students to succeed as CADD technicians. This degree specializes in three-dimensional design concepts, 3D solids and parametric modeling, residential and commercial architectural design and planning, 3D animation and cartography. Additionally, this program develops career skills such as literacy, numeracy, and communication.

APPLIED LEADERSHIP - BAS (ASU)

This BAS program prepares students for leadership positions in a wide variety of organizations and career fields. The concentration in applied leadership provides a valuable degree pathway for students with Associate of Applied Science degrees in fields such as fire science, environmental technology, machine shop technology, and welding technology. Students learn leadership skills necessary to prepare them to become effective leaders in diverse environments — applying those skills as team leaders, floor managers and shift captains.

The concentration in applied leadership focuses on the practice of innovative and effective leadership and helps students develop the skills and knowledge that leaders need to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects, and manage resources.

INTERESTED? CONTACT US!

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PUBLIC ANNOUNCEMENT

This project received $10,000,000 (100% of its total cost) from a grant awarded under the Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grants, as implemented by the U.S. Department of Labor's Employment and Training Administration.

The Computer Assisted Design and Drafting Technology program is an equal opportunity employer/program and auxiliary aids and services are available upon request to individuals with disabilities.

DISTRICT GOVERNING BOARD MEMBERS

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GOOD ANSWER

COMPUTER ASSISTED DESIGN AND DRAFTING TECHNOLOGY
AAS TO BAS TRACK

COMPUTER ASSISTED DESIGN AND DRAFTING TECHNOLOGY

This academic guide helps students achieve an Applied Associate Degree at Eastern Arizona College and then smoothly transition into the Bachelor of Applied Sciences, Applied Leadership Degree at Arizona State University. Both degrees can be earned at Eastern Arizona College's Thatcher Campus.
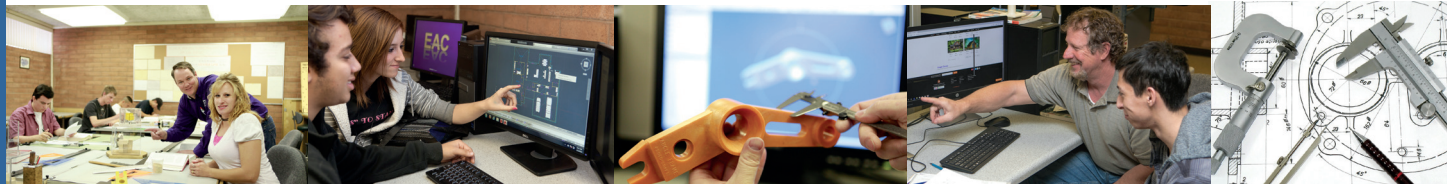

WHAT ARE THE BENEFITS?

- Students are provided a path to follow to meet their educational and career goals.

- Students may receive an Associate of Applied Science degree that will easily transfer into an Arizona State University Bachelor of Applied Science Degree.

- Students have the potential to earn an Arizona State University degree on Eastern Arizona College's campus at a reduced tuition rate.

- Students avoid taking unnecessary college courses, saving time and money.

POTENTIAL CAREERS AND SALARIES

Career	Salary
Mechanical Drafter	$54,480
Commercial and Industrial Designer	$67,790
Mechanical Engineering Technician	$54,480
Architectural & Civil Drafter	$51,640
Surveying & Mapping Technician	$42,450
Electrical Drafter	$59,970
Industrial Engineering Technologist	$62,330
Geographic Information System Technician	$86,510
CNC Machine Tool Programmer	$50,580

Computer Assisted Design and Drafting Technology to Bachelor of Applied Science, Applied Leadership

	Eastern Arizona College				Arizona State University			
	Computer Assisted Design and Drafting Technology AAS Degree				Applied Leadership BAS			
Grade	Freshman		Sophomore		Junior		Senior	
	Semester 1	Semester 2	Semester 1	Semester 2	Fall 1	Spring 1	Fall 2	Spring 2
English		ENG 101 (3c)		ENG 102 (3c)				
Math	MAT 140 (3c)							
Other General Ed	AGEC (6c)	AGEC (6c)	AGEC (6c)	AGEC (8c)				
Major Courses	CMP 103 (3c)	DRF 170 (3c)	DRF 160(3c)	DRF 232 (3c)	OMT 343 (3c)	OGL 320 (3c)	OGL 350 (3c)	BIS 340 (3c)
	DRF 108 (2c)	DRF 150 (1c)	DRF 230 (3c)	BUA 259 (3c)	BIS 345 (3c)	TEM 431 (3c)	TMC 330 (3c)	OGL 481 (3c)
	DRF 154 (3c)	DRF 271 (3c)	AMT 104 (3c)	DRF 290 (3c)	BIS 360 (3c)	OGL 355 (3c)	OMT 402 and/or BIS 340 (3c or 6c)	OGL 482 (3c)
	AMT 102 (3c)	DRF 220 (3c)	Curr. Req. Elec. (3c)		BIS 343 (3c)	BIS 340 (3c)		OGL 300 (3c)
EAC Credit Hours	20	19	18	18				75
ASU Credit Hours					12	12	9-12	12
								45-48

75 EAC Transfer Credits · 45-48 ASU Credits · **120 Total Credits**

Certificates/Degrees

Computer Assisted Design and Drafting Technology - Level I Certificate

Computer Assisted Design and Drafting Technology - Level II Certificate

AAS Computer Assisted Design and Drafting Technology

BAS Applied Leadership

NOTES:
*The EAC/AAS degree must be completed prior to admission into the ASU/BAS program
*Additional AGEC-A credits may be completed at EAC after admission to the ASU/BAS program
*The AGEC-A must be completed prior to graduation from the ASU/BAS program

EAC Courses

BUA 259	Communications for the Occupations	3
DRF 108	Technical Drafting	2
DRF 150	Dimensioning and Tolerancing	1
DRF 154	Intro to Auto CAD	3
DRF 160	Descriptive Geometry	3
DRF 170	Residential Architecture	3
DRF 220	Machine Drafting	3
DRF 230	Civil Drafting	3
DRF 232	Structural Drafting	2
DRF 271	Advanced AutoCAD	3
DRF 290	Drafting Capstone Project	2
AMT 102	Materials for Industry	3
AMT 104	Machining and Fabrication (Option 1)	3
Electives	To complete curriculum requirements	6
MAT 140	College Math	3
ENG 101	Written Communications I	3
ENG 102	Written Communications II	3

AGEC — Additional credits to complete 26
Total EAC Credits 75

ASU Courses

BIS 343	Social Processes In Organizations	
BIS 360	Interdisciplinary Leadership	
BIS 345	Organizational Ethics	
OMT 343**	Occupational Safety & Ergonomics	
OGL 320	Foundations of Project Management	
OGL 355	Leading Organizational Innovation & Change	
TEM 431**	Innovation Management	
BIS 340*	Org. Skills Leading Service Excellence	
OGL 350	Diversity & Organizations	
TMC 330**	Leading the Enterprise	
OMT 402**	Legal Issues for Technologists	
(BIS 340*)	Language of Organizations (Optional)	
OGL 481	Pro-Seminar I	
OGL 482	Pro-Seminar II	
BIS 340*	Org. Skills – Writing for the Professions	
OGL 300	Theory and Practice of Leadership	

* BIS 340 is listed multiple times with different special topics each time
** Indicates an online class

Total ASU Credits 45-48