ASSOCIATE OF APPLIED SCIENCE DEGREE

Drafting & Design Technology

The Drafting and Design program begins with basic drafting and progresses through advanced design and Computer Aided Drafting (CAD). During this study, the different fields of drafting that an employee may be exposed to are covered.

Drafting fields such as Architectural Drafting, Welding, Electronics, Plumbing and Structural Drafting are included to give the student some exposure to different areas in the industry. Computer aided drafting is taught in conjunction with all drafting classes to give the student experience in drawing and plotting drawings with the computer.

Orientation		*1 hour*			
	COLL	101			

Communications		*9 hours*			
	Written Communications (6 hours)				
	ENGL	100		ENGL	102*
	ENGL	101*		ENGL	203*
	Oral Communications (3 hours)				
	SPCH	101*			

Humanities		*3 hours*
	ART	101
	ASL	101, 102
	ENGL	109, 120, 125
	HIST	101
	HUM	102, 103
	MUSC	101
	PHIL	101, 110, 121, 201, 202
	SPAN	101
	TA	205

Mathematics		*3 hours*
	MATH	104*

Science		*5 hours*
	PHYS	101

Missouri Constitution		*3 hours*	*OR*		
	HIST	106		PLSC	103, 104*

Required Technical Courses		*30 hours*
	BSAD	125 Computer Apps (3)
	DRFT	101 Engineering Drawing (3)
	DRFT	103 Technical Drawing* (3)
	DRFT	105 Architectural Drawing (3)
	DRFT	115 Basic CAD (3)
	DRFT	141 Assembly Drawings* (3)
	DRFT	202 Machine Design* (3)
	DRFT	203 Tool & Die Design* (3)
	DRFT	205 Intermediate CAD* (3)
	DRFT	280 Drafting and Design Internship (3)

Approved Electives		*9 hours*
	DRFT	102 Descrip Geometry (3)
	DRFT	120 Basic Civil Drafting* (3)
	DRFT	215 Advanced CAD* (3)
	DRFT	220 Geometric Dimen Toler* (3)
	CNS	101 Intro to Electronics (3)
	WELD	113 Intro to Welding (3)
	Other Electives Approved by Program Director	

*Prerequisite requirement