

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		OR	
COMP	120 Computer Apps (3)	BSAD 125 Bus Comp Apps (3)	
DRFT	101 Engineering Drawing (3)		
DRFT	102 Descrip Geometry (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)		
Approved Electives 9 hours			
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			