

Agreement Signed November 8, 2010
Design Drafting Technology (Associate of Applied Science Degree)

Course Transfer Matrix for the
Bachelor of Science in Computer Aided Drafting and Design Technology
at University of Central Missouri

Associate of Applied Science		
Design Drafting Technology		
General Education Courses		
<i>Written Communication (6 Hours)</i>		
COM 101	English Composition	3
No Course Equivalency		
<i>Oral Communication (3 Hours)</i>		
COM 111	Oral Communications	3
<i>Mathematical Reasoning (3 Hours)</i>		
MAT 115	College Algebra	3
<i>Natural Science (7 Hours)</i>		
PHY 101/102	College Physics w/Lab	4
PHY 103/104	Environmental Science w/Lab	4
<i>Social and Behavioral Sciences (9 Hours)</i>		
HST 105 or HST 110 or PSC 101	American History to 1877 or American History from 1877 or American Government	3
No Course Equivalency		
<i>Technology (2 Hours)</i>		
CPP 101	Intro to Microcomputer Usage	3
<i>Humanities and Fine Arts (9 Hours)</i>		
No Course Equivalency		
No Course Equivalency		
No Course Equivalency		
<i>Cultural Interaction (3 Hours)</i>		
No Course Equivalency		
<i>Personal Interaction (3 Hours)</i>		

Bachelor of Science		
Computer Aided Drafting and Design Technology		
General Education Courses		
<i>Written Communication (6 Hours)</i>		
ENGL 1020	Composition I	3
ENGL 1030 ENGL 1080	Composition II OR Advanced Composition	3
<i>Oral Communication (3 Hours)</i>		
COMM 3010	Interpersonal Communication	3
<i>Mathematical Reasoning (3 Hours)</i>		
MATH 1111*	College Algebra	3
<i>Natural Science (7 Hours)</i>		
PHYS 1104	Intro to Sci: Physics (w/Lab)	4
BIOL 1005	Intro to Sci: Ecology	3
<i>Social and Behavioral Sciences (9 Hours)</i>		
HIST 1350 or HIST 1351 or POLS 1510	History of the US to 1877 or History of the US from 1877 or American Government	3 3
ANTH 1810 CJ 1000 ECON 1010 GEOG 2212 POLS 1500 PSY 1100 SOC 1800	Human Prehistory Introduction to Criminal Justice Principles of Macroeconomics World Geography Introduction to Politics General Psychology General Sociology	3
<i>Technology (2 Hours)</i>		
BTE 1210*	Essentials of Managing Information	2
<i>Humanities and Fine Arts (9 Hours)</i>		
ENGL 2200 ENGL 2205 ENGL 2210 ENGL 2215 ENGL 2220		3
ART 1800 MUS 1210 THEA 2400		3
COMM 3000 PHIL 1000 REL 1510 FREN, GER, SPAN, CHIN		3
<i>Cultural Interaction (3 Hours)</i>		
AGRI 2130 ANTH 1820 EDCI 2110 GEOG 3201 HIST 2402 HIST 2410 MUS 1225 POLS 3522 WS 2000		3
<i>Personal Interaction (3 Hours)</i>		

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No Course Equivalency		
<i>Integrative Studies (3 Hours)</i>		
No Course Equivalency		
General Education Hours		23
Program Core Requirements		
MAT 121	College Trigonometry	3
COM 211	Technical Writing	3
No Course Equivalency		
DDT 150	Fundamental of Drafting	3
DDT 150	Fundamental of Drafting	3
DDT 151	Mechanical Dimensioning and Tolerancing	3
DDT 153	Industrial Design	3
No Course Equivalency		
DDT 252	Structural Steel Drafting	3
DDT 254	Structural Steel Detailing and Design	3
DDT 183	Fundamental of Computer Aided Drafting	3
DDT 184	Advanced Applications of CADD	3
No Course Equivalency		
DDT 111	Civil Drafting	3
No Course Equivalency		
No Course Equivalency		
DDT 160	Design Drafting Internship	1
EMS 242	Statics I	3
No Course Equivalency		
No Course Equivalency		
Program Core Hours		37
Electives		

CFD 1010 COMM 3010 HED 1100 PE 1206 PHIL 2300 PSY 1320 SAFE 2010		3
Integrative Studies (3 Hours)		
IGEN 3116 IGEN 3224 IGEN 3232 IGEN 3468 IGEN 3472 IGEN 3896 IGEN 4224 IGEN 4231 IGEN 4236 IGEN 4244	Creative Problem Solving Critical Thinking Media Literacy Community, School & Family Connections Sports in American Life Assessing Global Change for the Info. Age Communication, Science and Technology Myth, Memory, and Realities Science and Religion: From Conflict to Dialogue Comparative Cross-Cultural Cinema	3
General Education Hours		48
Program Core Requirements		
MATH 1112		2
T&OE 3060		3
GRAP 1100		1
GRAP 1105		1
GRAP 1110		2
GRAP 1120		3
GRAP 2130		3
GRAP 2150		3
GRAP 2160		3
GRAP 2170		3
GRAP 2171		2
GRAP 3140		2
GRAP 3150		3
GRAP 3170		3
GRAP 3175		3
GRAP 4170		3
GRAP 4180		3
T&OE 3022		1
CMGT 2020		3
MMGT 2530		3
MGT 3310 HRM 3920 INDM 4210 INDM 4260	Select Elective from the following: Human Resource Mgt. Industrial Management Organizational Dynamics	3
Program Core Hours		53
Electives (6 Hours)		

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EMS 243	Statics II	2			
EMS 245	Strength of Materials II	2			
BUS 125	Job Search Strategies	1			
DDT 250	Residential Architectural Drafting	3			
DDT 253	Residential Architectural Detailing and Design	3			
EMS 244	Strength of Materials I	2			
CET 140	Surveying I	3			
DDT 154	Industrial Design	3			
DDT 160	Design Drafting Internship	5			
No Course Equivalency					
Elective Hours		24			
General Education Hours		23			
Program Core Hours		37			
Program Elective Hours		24			
Total Credit Hours		84			
			Area 1-Mechanical		
			Area 2 – Architectural		
			Area 3 – CAD/CAM		15
			Area 4 – Civil/GIS		
			Area 5 – Computer Graphics		
			Area 6 – Management & Support		
			Free Electives		6
Elective Hours		21			
General Education Hours		48			
Program Core Hours		53			
Program Elective Hours		21			
Total Credit Hours for Bachelor of Science		121			