

Agreement Signed May 9, 2011
Construction and Civil Technology (Associate of Applied Science Degree)

Course Transfer Matrix for the
Bachelor of Science in Construction Management
at University of Central Missouri

Associate of Applied Science			Bachelor of Science		
Construction and Civil Technology			Construction Management		
General Education Courses			General Education Courses		
<i>Written Communication (6 Hours)</i>			<i>Written Communication (6 Hours)</i>		
COM 101	English Composition	3	ENGL 1020	Composition I	3
No Course Equivalency			ENGL 1030	Composition II OR	3
			ENGL 1080	Advanced Composition	3
<i>Oral Communication (3 Hours)</i>			<i>Oral Communication (3 Hours)</i>		
COM 111	Oral Communications	3	COMM 3010	Interpersonal Communication	3
<i>Mathematical Reasoning (3 Hours)</i>			<i>Mathematical Reasoning (3 Hours)</i>		
MAT 115	College Algebra	3	MATH 1111*	College Algebra	3
<i>Natural Science (7 Hours)</i>			<i>Natural Science (7 Hours)</i>		
PHY 101/102	College Physics w/Lab	4	PHYS 1104	Intro to Sci: Physics (w/Lab)	4
No Course Equivalency			EASC 1004*	Intro to Sci: Geology (w/Lab)	4
<i>Social and Behavioral Sciences (9 Hours)</i>			<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	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
No Course Equivalency			ECON 1010*	Principles of Macroeconomics	3
<i>Technology (2 Hours)</i>			<i>Technology (2 Hours)</i>		
CPP 101	Intro to Microcomputer Usage	3	BTE 1210*	Essentials of Managing Information	2
<i>Humanities and Fine Arts (9 Hours)</i>			<i>Humanities and Fine Arts (9 Hours)</i>		
No Course Equivalency			ENGL 2200		3
			ENGL 2205		3
			ENGL 2210		3
			ENGL 2215		3
			ENGL 2220		3
No Course Equivalency			ART 1800		3
			MUS 1210		3
			THEA 2400		3
No Course Equivalency			COMM 3000		3
			PHIL 1000		3
			REL 1510		3
			FREN, GER, SPAN, CHIN		3
<i>Cultural Interaction (3 Hours)</i>			<i>Cultural Interaction (3 Hours)</i>		
No Course Equivalency			AGRI 2130		3
			ANTH 1820		3
			EDCI 2110		3
			GEOG 3201		3
			HIST 2402		3
			HIST 2410		3
			MUS 1225		3
			POLS 3522		3
			WS 2000		3
<i>Personal Interaction (3 Hours)</i>			<i>Personal Interaction (3 Hours)</i>		
No Course Equivalency			CFD 1010		3
			COMM 3010		3
			HED 1100		3
			PE 1206		3
			PHIL 2300		3
			PSY 1320		3

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General Education Hours		19
Program Core Requirements		
CCT 147 AND BUS 125	Construction Techniques & Codes Job Search Strategies	3 1
EMS 246	Statics	5
CCT 135	Engineering Documents	3
CCT 208	Construction Estimating w/Lab	4
CCT 140	Surveying I w/Lab	3
EMS 247	Strength of Materials	5
CCT 220	Contract Admin/Contract Law	3
No Course Equivalency		
No Course Equivalency		
CCT 271	Construction Management	3
CCT 195	Construction Safety	3
No Course Equivalency		
CCT 202	Construction Materials w/Lab	3
DDT 183***	Fundamental of CAD	3
No Course Equivalency		
CCT 215	Environmental & Construction	3
CCT 106***	Construction Mathematics w/Applied Trig.	3
No Course Equivalency		
ACC 103**	Accounting Principles I	3
No Course Equivalency		
DDT 111	Civil Drafting	3
No Course Equivalency		
No Course Equivalency		
No Course Equivalency		
Program Core Hours		51
Electives*		
No Course Equivalency		
No Course Equivalency		
No Course Equivalency		
Elective Hours		0
** This course is not required by LSTC degree program but if taken would count towards UCM degree.		
***Course must be manually submitted for substitution after student transfer to UCM.		
General Education Hours		19
Program Core Hours		51
Program Elective Hours		0
Total Credit Hours		70

SAFE 2010		
ICAP 4109*	Construction Operations	3
General Education Hours		49
Program Core Requirements		
CMGT 1300 CMGT 1301	Intro to Construction Mgt. AND Seminar in Construction Mgt.	2 2
CMGT 2020	Statics	3
CMGT 2310	Construction Plans & Specs.	3
CMGT 2325	Project Cost Estimating	3
CMGT 2340	Surveying & Const. Layout	3
CMGT 3020	Applied Strength of Materials	3
CMGT 3320	Prin. Of Construction Mgt.	3
CMGT 3330	Building Codes & Code Adm.	3
CMGT 3350	Building Structures-Meth. & Matls.	3
CMGT 3355	Construction Planning & Scheduling	3
CMGT 4310	Construction Safety	3
CMGT 4325	Advanced Estimating & Cost Analysis	3
ENGT 2040	Engineering Material Science	4
CADD 1105 CADD 1110	Basic AutoCAD AND Fundamentals of Drafting	1 2
SOT 3022	Internship in Technology	1
EASC 2100	Engineering Geology	4
MATH 1112	College Trigonometry	2
MATH 1150	Pre-Calculus Mathematics	4
ACCT 2101	Principles of Financial Accounting	3
BLAW 2720*	Legal Environment of Business	3
CADD 2160 CADD 3150 CADD3160	Structural Drafting OR Civil Drafting OR Residential Arch. Drawing	3
MGT 3315 INDM 4210	Management of Organizations OR Industrial Management	3
ACCT 2102 MKT 3405	Prin. Of Managerial Accounting OR Principles of Marketing	3
HRM 3920 INDM 4260	Human Resource Mgt. OR Organizational Dynamics	3
Program Core Hours		73
Electives (6 Hours)		
CMGT 4330	Mechanical Systems for Bldgs.	3
CMGT 4355	Computer-Based Project Control	3
CMGT 4380	Heavy Construction: Meth. & Matls.	3
Elective Hours		6
*These General Education courses are required by the UCM Major.		
General Education Hours		49
Program Core Hours		73
Program Elective Hours		6
Total Credit Hours for Bachelor of Science		127