

COURSE EQUIVALENCIES FROM  
ENGINEERING SCIENCE (CCAC) TO MANUFACTURING ENGINEERING (RMU)

<b>SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS</b>			
<b>CCAC COURSES</b>		<b>RMU EQUIVALENT</b>	
<b>CRSE NO</b>	<b>COURSE TITLE</b>	<b>CRSE NO</b>	<b>COURSE TITLE</b>
<b>First Semester</b>			
EGR100	Engineering Seminar		Not Applicable
ENG101	English Composition I	COSK1220	Reading and Writing Strategies
MAT201	Calculus I	MATH2070	Calculus with Analytic Geometry I
BUS103	Principles of Management ( <b>General Elective</b> )	MGMT3100	Management Theory and Practice
BUS104	Principles of Marketing ( <b>General Elective</b> )	MARK3100	Principles of Marketing
<b>Second Semester</b>			
EGR101	Engineering Graphics	ENGR2160	Engineering Graphics
ENG102	English Composition II	COSK1221	Argument and Research
MAT202	Calculus II	MATH2170	Calculus with Analytic Geometry II
PHY221	Physics for Science and Engineering I	PHYS1210	Physics I and Lab (1215)
CIT____	Computer Programming Elective	INFS1020	Intro to Decision Support Systems
<b>Third Semester</b>			
MAT250	Calculus III	MATH3090	Calculus with Analytic Geometry III
PHY222	Physics for Science and Engineering II	PHYS2210	Physics II and Lab (2215)
	Humanities Elective ( <b>ART, MUS, PHL, THE</b> )	HUMA1010	Humanities: Art and Music
CHM151	General Chemistry I ( <b>Restricted Elective</b> )	CHEM1210	Chemistry I and Lab (1215)
CIT145	Programming in C ( <b>Restricted Elective</b> )	INFS3184	C++ Programming
<b>Fourth Semester</b>			
MAT252	Differential Equations With Linear Alg	MATH3420	Differential Equations
PHY223	Physics for Science and Engineering III		Not Applicable
PSY101	General Psychology ( <b>Social Science Elective</b> )**	PSYC1010	General Psychology
	Restricted Elective		Not Applicable
	Restricted Elective		Not Applicable

\*\*Students may also complete SOC101 Principles of Sociology, SOC212 Contemporary American Social Problems or any HIS/POL course for their Social Science requirement at CCAC.