

COURSE EQUIVALENCIES FROM
 ENGINEERING SCIENCE (CCAC) TO
 ENGINEERING with a CONCENTRATION IN BIOMEDICAL ENGINEERING, INDUSTRIAL
 ENGINEERING, MECHANICAL ENGINEERING, or SOFTWARE ENGINEERING (RMU)

SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS			
CCAC COURSES		RMU EQUIVALENT	
CRSE NO	COURSE TITLE	CRSE NO	COURSE TITLE
First Semester			
EGR100	Engineering Seminar		Not Applicable
ENG101	English Composition I	COSK1220	Reading/Writing Strategies
MAT201	Calculus I	MATH2070	Calculus with Analytic Geometry I
BUS103	Principles of Management (General Elective)	MGMT3100	Management Theory and Practice
BUS104	Principles of Marketing (General Elective)	MARK3100	Principles of Marketing
Second Semester			
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
Third Semester			
MAT250	Calculus III	MATH3090	Calculus with Analytic Geometry III
PHY222	Physics for Science and Engineering II	PHYS2210	Physics II and Lab (2215)
	Humanities Elective (ART, MUS, PHL, THE)	HUMA1010	Humanities: Art and Music
CHM151	General Chemistry I (Restricted Elective)	CHEM1210	Chemistry I and Lab (1215)
CIT145	Programming in C (Restricted Elective) ***	INFS3184	C++ Programming
Fourth Semester			
MAT252	Differential Equations With Linear Alg	MATH3420	Differential Equations
PHY223	Physics for Science and Engineering III		Not Applicable
PSY101	General Psychology (Social Science Elective)**	PSYC1010	General Psychology
CHM152	General Chemistry II (Restricted Elective)**** Restricted Elective	CHEM2210	General Chemistry II and Lab (2215) 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.

***Not applied to the Biomedical Engineering Concentration

****Applied to the Biomedical Engineering Concentration only