



4-Year Sample Transfer Degree Map  
CCAC AS Engineering Science to  
RMU BS Engineering - Mechanical



CCAC Coursework - Total Transferred Credits: 60

First Year - Freshman

1st Fall				1st Spring			
RMU Equivalent	CCAC	CCAC Course Name	Crdt	RMU Equivalent	CCAC	CCAC Course Name	Crdt
**	EGR 100	Engineering Seminar	-	CSEN 1020	ENG 102	English Composition 2	3
CSEN 1010	ENG 101	English Composition 1	3	MATH 2170	MAT 202	Calculus 2	4
MATH 2070	MAT 201	Calculus 1 (4)	4	PHYS 1210 + 1215	PHY 221	Physics for Science & Engin. 1 (4)	4
ECON 1010	ECO 102 OR 103	Principles of Macro/Microecon (Gen Elec)	3	INFS 2151	CIT 130	Obj. Oriented Program. 1: Java (4)*	3
Literature Elective	ENG _____	General Elective (Rstrct to Literature)	3	CHEM 1210 + 1215	CHM 151	General Chemistry I (Restr. Elec)	4
TOTAL TRANSFER CREDITS			13	TOTAL TRANSFER CREDITS			18

Second Year - Sophomore

2nd Fall				2nd Spring			
RMU Equivalent	CCAC	CCAC Course Name	Crdt	RMU Equivalent	CCAC	CCAC Course Name	Crdt
MATH 3090	MAT 250	Calculus 3 (4)	4	MATH 3420	MAT 251	Differential Equations	3
PHYS 2210 + 2215	PHY 222	Physics for Science & Engin. 2 (4)	4	ENGR 3110	PHY 223	Physics for Science & Engin. 3 (4)*	3
HUMA 1010	_____	Humanities Elective	3	PSYC 1010	PSY 101	Intro to Psychology (SOSC Elective)	3
ENGR 1610	EGR 150	Statics (Rstr. Elec (& EGR 218)**	-	MATH 3400	MAT 253	Linear Algebra (Restricted Elective)	3
ENGR 2160	EDD 120	Intro to Comp. Drafting (Rstr. Elec (4))*	3	ENGR 1610	EGR 218	Strength of Materials (Rstr. Elec)**	3
TOTAL TRANSFER CREDITS			14	TOTAL TRANSFER CREDITS			15

RMU Coursework - Total Remaining Credits: 66 Credits

Third Year - Junior

Fall Semester				Spring Semester			
Dept	Number	RMU Course Name	Crdt	Dept	Number	RMU Course Name	Crdt
CSCM	1030	Public Speaking & Persuasion	3	ACCT	1020	Fundamentals of Accounting	3
CSCM	2040	Prof. Comm. In Workplace	3	MARK	2000	Principles of Marketing	3
HIST/POLS	_____	History OR Poli. Sci Elective	3	MGMT	2000	Management Theory & Practice	3
ENGR	2080	Engineering Statistics	3	ENGR	2140	Circuits & Electromagnetics	3
ENGR	1010	Intro to Engineering	3	ENGR	2180	Engineering Materials	3
SOCI	1020	Contemp. Amer. Problems	3	ENGR	_____	Approved Elective (1 of 2)	3
TOTAL			18	TOTAL			18

Fourth Year - Senior

Fall Semester				Spring Semester			
Dept	Number	RMU Course Name	Crdt	Dept	Number	RMU Course Name	Crdt
ENGR	_____	Approved Elective (2 of 2)	3	ENGR	4100	Machine Design	3
ENGR	2100	Dynamics	3	ENGR	4150	Design & Analysis of Mech. Sys.	3
ENGR	3200	Value Design	3	ENGR	_____	Engineering Elective	3
ENGR	3300	Fluid Mechanics	3	ENGR	4900	Engineering Practice	3
ENGR	3350	Heat Transfer	3	ENGR	4950	Integrated Engineering Design	3
TOTAL			15	TOTAL			15

Minimum grade of "C" must be earned for transfer credit to be applied by RMU.

\*1 credit from 4-credit course is credit not applied to degree. Only applies if 4 credit course completed at CCAC.

\*\* Credit Not Applied to Degree

\*\*\* 5 Credits from two combined 4 credit courses is credit not applied to degree.

All AS Engineering credits can be accepted into RMU's BS Interdisciplinary Studies degree.

RMU Provost Initials: MAR

CCAC Provost Initials: \_\_\_\_\_

Last revised: 02-07-2022

