



**4-Year Sample Transfer Degree Map
BC3 AS Engineering to
RMU BS Manufacturing Engineering**



BC3 Coursework - Total Transferred Credits: 61

First Year - Freshman							
1st Fall				1st Spring			
RMU Equiv.	Course #	BC3 Course Name	Crdt	RMU Equiv.	Course #	BC3 Course Name	Crdt
CSEN 1010	ENGL 101	College Writing	3	CSEN 1020	ENGL 102	Research Writing	3
ECON 1010	ECON 101/102	Principles of Econ- Macro/Micro	3	PHYS 1210/1215	PHYS 221	Engineering Physics I	4
MATH 2070	MATH 221	Calculus and Analytic Geometry I	4	MATH 2170	MATH 222	Calculus & Analytic Geometry II	4
CHEM 1210/1215	CHEM 101	Chemistry I	4	CHEM 2210	CHEM 102	Chemistry II	4
ENG 2160	DRFT 115	Engineering Graphics	3	***	HLTH 120/PHED 125	Health Science OR Phy. Wellness	-
TOTAL TRANSFER CREDITS			17	TOTAL TRANSFER CREDITS			15

Second Year - Sophomore							
2nd Fall				2nd Spring			
RMU Equiv.	Course #	BC3 Course Name	Crdt	RMU Equiv.	Course #	BC3 Course Name	Crdt
INFS 2184	COMP 230	Programming in C++ Engr & Scient.	3	CSCM 1030	COMM 201	Speech	3
HUMA 1010	HUMA ____	Humanities Elective	3	MATH 3420	MATH 224	Differential Equations	3
PHYS 2210/2215	PHYS 222	Engineering Physics II	4	MATH 3090	MATH 223	Calculus and Analytic Geometry III	4
ENGR 1610	PHYS 241	Statics	3	ENGR 4700	MECH 220	Auto. & Robo. (Sci/Tech Elective)	3
MATH 3400	MATH 230	Linear Algebra (Science/Tech Elec)	3				
TOTAL TRANSFER CREDITS			16	TOTAL TRANSFER CREDITS			13

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	2040	Prof. Comm. In Workplace	3	HIS/POLI SCI	_____	History or Poli Sci Elec	3
ENGL	_____	Literature Elective	3	SOCI	1020	Contemporary Amer Social Problems	3
PSYC	1010	General Psychology	3	MGMT	2000	Management Theory and Practice	3
ENGR	1010	Intro to Engineering	3	ENGR	3200	Value Design	3
ENGR	2140	Circuits & Electromagnetics	3	MARK	2000	Principles of Marketing	3
				ENGR	2180	Engineering Materials	3
TOTAL			15	TOTAL			18

Fourth Year - Senior							
Fall Semester				Spring Semester			
Dept	Number	RMU Course Name	Crdt	Dept	Number	RMU Course Name	Crdt
ACCT	1020	Fundamentals of Accounting	3	ENGR	3650	Product & Tool Design	3
ENGR	3600	Production Engineering	3	ENGR	3700	Manufacturing, Planning & Control	3
ENGR	3680	Intro to Quality Engineering	3	ENGR	4650	Simulation	3
ENGR	4400	Device Control	3	ENGR	4900	Engineering Practice	3
ENGR	4950	Integrated Engineering Design	3	ENGR	_____	Approved Elective (2 of 2)	3
ENGR	_____	Approved Elective (1 of 2)	3				
TOTAL			18	TOTAL			15

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

***Credits Not Applied to Degree

RMU Provost Initials: MAR

BC3 Provost Initials: _____

Last revised: 02-28-2022