



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



CCBC Coursework - Total Transferred Credits: 60

First Year - Freshman

1st Fall				1st Spring			
RMU Equiv.	Course #	CCBC Course Name	Crdt	RMU Equiv.	Course #	CCBC Course Name	Crdt
CHEM 1210/1215	CHEM 101	General Chemistry I	4	ECON 1010	ECON	TAOC Cat. 5 (Restr: ECON, no Chem II)	3
CSEN 1020	WRIT 102	English Composition II**	3	ENGR 2160	ENGR 120	CAD: Computer Aided Drafting	3
ENGR 1010	ENGR 160	Engineering Fundamentals	3	MATH 2170	MATH 161	Calculus II	4
ENGR 4700 Elective	ENGR 130	Robotics	3	PSYC/SOCI	PSYC/SOCI	Gen. Psych. OR Principles of Soci.	3
MATH 2070	MATH 160	TAOC Cat. 5 (Restr: Calculus I)	4	CSEN 1010	WRIT 101	English Composition	3
TOTAL TRANSFER CREDITS			17	TOTAL TRANSFER CREDITS			16

Second Year - Sophomore

2nd Fall				2nd Spring			
RMU Equiv.	Course #	CCBC Course Name	Crdt	RMU Equiv.	Course #	CCBC Course Name	Crdt
Programming I: C++	CIST 150	TAOC Cat. 5 (Restrict: CIST 150: C++)	3	ENGR 2080	ENGR 250	Engr. Mechs-Statics (Restr: ENGR 250)	3
ENGR 2140	ENGR 240	Electrical Circuit Analysis	3	MATH 3420	MATH 220	Differential Equations*	3
MATH 3090	MATH 200	Calculus III	4	PHYS 2210/2215	PHYS 203	University Physics II	4
PHYS 1210/1215	PHYS 202	University Physics	4	Literature Elective		TAOC Cat. 6 (LITR)	3
TOTAL TRANSFER CREDITS			14	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	1030	Public Speaking & Persuasion	3	CSCM	2040	Prof. Comm. in Workplace	3
HIST/POLS	Elective	History OR Political Science Elective	3	HUMA	1010	Humanities: Art and Music	3
MATH	3420	Differential Equations	3	MARK	2000	Principles of Marketing	3
MGMT	2000	Management Theory and Practice	3	ENGR	2180	Engineering Materials	3
ENGR	1610	Statics & Strength of Materials	3	ENGR	2100	Dynamics	3
TOTAL			15	TOTAL			15

Fourth Year - Senior

Fall Semester				Spring Semester			
Dept	Number	RMU Course Name	Crdt	Dept	Number	RMU Course Name	Crdt
PSYC/SOCI	_____	Gen. Psych. OR Principles of Sociol.	3	ENGR	3350	Heat Transfer	3
ACCT	1020	Fundamentals of Accounting	3	ENGR	4100	Machine Design	3
ENGR	3100	Thermodynamics and Energetics	3	ENGR	4150	Design and Analysis of Mech. Systems	3
ENGR	3200	Value Design	3	ENGR	_____	Engineering Elective	3
ENGR	3300	Fluid Mechanics	3	ENGR	4900	Engineering Practice	3
ENGR	Elective	Restricted Elective	3	ENGR	4950	Integrated Engineering Design	3
TOTAL			18	TOTAL			18

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

*1 credit from 4-credit course applied to Open Elective.

**CCBC Approved substitution where WRIT 102: English Composition II substitutes for CIST 100/106 option in 1st semester.

RMU Provost Initials: _____

CCBC Provost Initials: _____

Last revised: 8-31-21