

CCAC AS Software Development to RMU BS Cybersecurity



CCAC Degree Requirements			RMU Degree Requirements Equivalencies			
CCAC COURSEWORK			RMU UNIVERSITY CORE REQUIREMENTS			
Designation	Course Number	Course Title	Designation	Course Number	Course Title	Credits
ENG	101	English Composition 1	CSEN	1010	Reading & Writing Strategies	3
ENG	102	English Composition 2	CSEN	1020	Argument & Research	3
SPH	101	Oral Communication	CSCM	1030	Public Speaking & Persuasion	3
CIT	115	Information Technology Fundamentals	INFS	1020	Fundamentals Of Information Technology	3
SOC	_____	Social Science Elective (Restrict to SOC)	SOCI	1010	Principles of Sociology	3
_____	_____	Science with a Lab (4)*	_____	_____	Natural Science Elective	3
CCAC COURSEWORK			RMU MAJOR REQUIREMENTS			
Designation	Course Number	Course Title	Designation	Course Number	Course Title	Credits
CIT	161	Programming in Visual Basic (4)**	INFS	2420	Fundamentals of Programming	3
CIT	215	Systems Analysis and Design	CYBS	3220	Secure System Design	3
CIT	120	Networking	INFS	3230	Computer Networking	3
CIT	130	Obj-Oriented Programming: Java (4)**	INFS	3240	Programming Python Language	3
MAT	120	Math Elective(Restrict to MAT 120)(4)**	INFS	3450	Discrete Mathematics for Computing	3
CIT	230	Database Systems (4)*	INFS	4240	Database Management Systems	3
CCAC COURSEWORK			RMU OPEN ELECTIVES			
Designation	Course Number	Course Title	Designation	Course Number	Course Title	Credits
CIT	111	Introduction to Programming: Java (4)	_____	_____	Open Elective	4
CIT	244	Obj-Oriented Programming 2: Java (4)	_____	_____	Open Elective	4
CIT	230	Database Systems (4)*	_____	_____	Open Elective	1
CIT	_____	CIT Restricted Elective (4)	_____	_____	Open Elective	4
CIT	_____	CIT Restricted Elective (4)	_____	_____	Open Elective	4
SCI	_____	Science Elective (3-4)*	_____	_____	Open Elective	1
RMU REMAINING COURSEWORK (Degree Requirements = 120 Credits)						
Designation	Course #	Course Title	Designation	Course #	Course Title	
CSCM	2040	Prof. Comm. in Workplace	HIST/POLS	_____	History OR Political Science Elective	
ENGL	_____	Literature Elective	ECON	1010	Survey of Economics	
MATH	2040	Finite Math & Applied Calculus	PSYC	1010	General Psychology	
HUMA	1010	Humanities: Art and Music	CYBS	2000	Intro to Cybersecurity	
INFS	2020	Operating Systems	CYBS	2010	Computing Principles & Practices	
CYBS	3120	Introduction to Digital Forensics	INFS	3235	Network Security	
CYBS	3170	Cyberlaw	CYBS	4350	Cybersecurity Policies, Standards, & Compliance	
CYBS	4250	Data Security and Cryptography	CYBS	4360	Emerging Topics in Cybersecurity	
CYBS	4300	Cybersecurity Risk Management	INFS	4370	IT Governance & Ethics	
_____	_____	Concentration Requirement (1 of 4)***	_____	_____	Concentration Requirement (3 of 4)***	
_____	_____	Concentration Requirement (2 of 4)***	_____	_____	Concentration Requirement (4 of 4)***	

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

TOTAL CCAC CREDITS APPLIED	54
TOTAL RMU CREDITS REMAINING	66

*1 credit from 4 credit course applied to Open Electives, only applies when 4 credit course completed at CCAC.

** 1 credit from 4 credit course Credit Not Applied to Degree.

*** See [here](#) for course options.

Credits Not Applied to Degree	
ACC/BUS Acct or Business Elec (3-4)	3-4
CIT Restricted Elective (3-4)	3-4
CIT Restricted Elective (3-4)	3-4
Total:	9-12

For more information or to speak with an RMU Transfer Counselor, contact the [RMU Admissions Office](mailto:admissions@rmu.edu) at admissions@rmu.edu.