Information Technology – Cyber Security (ITCSO)
Associate in Applied Science
To Bachelor of Science in Network & Security Administration

This guide lists MCC courses that meet the requirements for the ITCSO degree and prepare the student to transfer into the B.S. Network & Security Administration program at Dakota State University (DSU). Every effort has been made to insure accuracy however, students should meet with an MCC advisor at least twice a year to review requirements for their intended degree. DSU may have more specific requirements. Students intending to transfer should also speak with a DSU advisor to insure the optimal number of credits transfer. Only Courses with a grade of C or better will transfer. Students who have been awarded the Associate in Applied Science Degree in Cyber Security from Metropolitan Community College will be permitted to transfer a maximum of 71 semester hours earned. Students will complete an addition 68 credit hours after transfer at DSU to obtain the B.S Network & Security Administration. For more information on this agreement and admission to DSU please visit mccneb.edu/articulation.

General Education Requirements.. 27 credit hours

COMMUNICATIONS		9.0	QUANTITATIVE/NUMERACY SKILLS		4.5
ENGL 1010	English Composition I	4.5	MATH 1315	College Algebra*	4.5
ENGL 1020	English Composition II	4.5	*Course has prerequisites. Please consult MCC's current catalog for more information.		
HUMANITIES /SOCIAL SCIENCES – *Select 1 course*		4.5	PROFESSIONALISM & LIFE SKILLS		9.0
Select 1 course from either Humanities or Social Sciences. Options can be found under the General Education Course Options in the current MCC Catalog: https://mycatalog.mccneb.edu/content.php?catoid=2&navoid=74#general-education-course-options			INFO 1001	Information Systems & Literacy	4.5
			HMRL 1010	Human Relations Skills	4.5
				-OR-	
			RDLS 1200	College & Career Strategies	4.5

Major Requirements... 13.5 credit hours

INFO 1000	Workplace Skills for IT Professionals	4.5	INFO 1002	Introduction to Information Technology	4.5
INFO 2805	Network & Information Security Basics	4.5			

Option Requirements Cyber Security………………………………..63.0 credit hours

INFO 1003	Problem Solving & Programming Logic	4.5	INFO 2808	Boundary Protection	4.5
INFO 1023	Network Essentials	4.5	INFO 2809	Information Systems, Forensics & Legal Topics	4.5
INFO 1110	Windows Operating Systems I	4.5	INFO 2123	Introduction to SCADA Security	4.5
INFO 1111	Linux Operating Systems I	4.5	INFO 2362	Building Secure Environments	4.5
INFO 1120	Windows Operating Systems II	4.5			
INFO 1620	Intro to Database Design	4.5	INFO 2810	Security Capstone/Internship	4.5
INFO 1933	Securing & Monitoring IoT	4.5		**-OR -**	
INFO 2023	Network & Cert. Prep Network+ Cert. Prep	4.5	INFO 2981	Internship	
INFO 2806	Network Attacks, Intrusions & Penetration Test.	4.5			

Total for ITCSO .... 103.5 credit hours

To connect with your MCC Advisor visit mccneb.edu/advising or call 531-622-2400.
To speak with a DSU admissions counselor call 1-888-378-9988 or fill out a contact form at: https://dsu.edu/contact.html

Additional Course at DSU after AAS Transfer………………….68.0 semester credit hours

CIS 275	Web App Programming I	3.0	CSC 385	Networking II	3.0
CIS 375	Web App Programming II	3.0	CSC 387	Routing & Switching	5.0
CSC 163	Hardware, Visualization & Data Comm	3.0	CSC 430	Windows Administration	3.0
CSC 234	Software Security	3.0	CSC 407	Advanced Routing & Switching	3.0
CSC 250	Computer Science II	3.0	CSC 430	Windows Administration	3.0
CSC 431	Linux/Unix Admin	3.0	CSC 436	Offensive Network Security	3.0
CSC 437	Survey of Network Administration	3.0	CSC 438	Defensive network Security	3.0
CSC 443	Scripting for Network Administration	3.0	CSC 494/498	Internship or UG Research	3.0
MATH 281	Introduction to Statistics	3.0	Social Science Course		3.0
Natural Science 2 Courses		6.0	Arts & Humanities 2 Courses		6.0

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