INFORMATION TECHNOLOGY

St. Cloud TECHNICAL & COMMUNITY COLLEGE
A member of Minnesota State

Name:								**Academic Year: 2023-2024**	
Course #	**Course Title**	**Pre-Requisites (Min. 2.0 GPA required)**	**Semester Offered**	**Network Admin AAS**	**Semester Taken**	**PC Specialist**	**Semester**	**Completed**	
FALL									
MSNA 1246	Software Support		F	3	1st	3	1st		
MSNA 1230	Introduction to Networking I		F	2	1st	2	1st		
MSNA 1214	Windows Desktop OS		F	3	1st	3	1st		
CRTK 1300	Goal Area 2 - Critical Thinking		F, S, SS	3		3	2nd		
MSNA 1235	Intro to Virtualization		F	2	1st	2	1st		
ENGL **	Goal Area 1 - Written Comm		F, S, SS	3	1st				
SPRING									
MSNA 1241	Hardware Support	MSNA 1246	S	2	2nd	2	2nd		
MSNA 1255	Introduction to Networking II	MSNA 1230	S	2	2nd	2	2nd		
MSNA 1213	Microsoft Server I	MSNA 1214	S	3	2nd	3	2nd		
BUSM 1290	Job Seeking & Keeping		F, S	1		1	2nd		
MSNA 2211	Linux OS		S	3	2nd				
MATH/PHIL***	Goal Area 4 - Math or Logic		F, S, SS	3					
DVRS 1310	Human Relations for a Diverse Workplace		F, S, SS			3	2nd		
FALL									
MSNA 2201	Microsoft Server II	MSNA 1213	F	3	3rd				
MSNA 2245	IT Security Fundamentals	MSNA 2211	F	2	3rd	2	1st		
MSNA 2227	Advanced Networking I	MSNA 1255	F	3	3rd				
MSNA 1205	Introduction to Help Desk		F	3	3rd	3	1st		
CMST *	Goal Area 1 - Oral Comm		F,S,SS	3					
SPRING									
MSNA 2260	MS Server Applications	MSNA 2201	S	3	4th				
CMST 2302	Goal Area 1 - Small Group Communication		S, F	3					
MSNA 2237	Advanced Networking II	MSNA 1225	S	3	4th				
MSNA 2226	MSNA Capstone	*Permission	S	2	4th				
****	MSNA Elective	Varies	S	3		3	2nd		
MSNA 2215	MSNA Internship	*Permission	F,S,SS	2	4th				
			TOTAL CREDITS	**60**		**32**			

Degree Specific Program Requirements: Students who have earned a grade of "C" or better, in all required classes,
as well as an over all GPA of 2.0 or better will have satisfied the program requirements for the AAS or DIP degree.

GENERAL EDUCATION OPTIONS	**** Elective Courses
* Goal Area 1 - Oral: CMST 2310 - Interpersonal Communication, or CMST 1320 - Intro to Communication Studies	Structured Prog. Logic CMSC 1203 Database Modeling CMSC 1216
** Goal Area 1 - Written: ENGL 1302 Analytical Writing, ENGL 1308 Stretch Analytical Writing or ENGL 1303 Technical Writing	Web Markup Language CMSC 1212 Data Analytics CMSC 1217
*** Goal Area 4 - Math or Logic - MATH 1300 College Algebra, 1351 Introductory Stats, MATH 1320 College Trigonometry, 1380 Precalculus, or PHIL 1340 Intro to Logic	

CYBER SECURITY

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FALL	MSNA 1246	Software Support		F	3	
	MSNA 1230	Introduction to Networking I		F	2	
	MSNA 1214	Windows Desktop OS		F	3	
	CRTK 1300	Goal Area 2 - Critical Thinking		F, S, SS	3	
	MSNA 1235	Intro to Virtualization		F	2	
	ENGL **	Goal Area 1 - Written Comm		F, S, SS	3	
SPRING	MSNA 1241	Hardware Support	MSNA 1240	S	2	
	MSNA 1255	Introduction to Networking II	MSNA 1230	S	2	
	MSNA 1213	Microsoft Server I	MSNA 1214	S	3	
	BUSM 1290	Job Seeking & Keeping		F, S	1	
	MSNA 2211	Linux OS		S	3	
	MATH/PHIL ***	Goal Area 4 - Math or Logic		F, S, SS	3	
FALL	MSNA 2245	IT Security Fundamentals	MSNA 2211	F	2	
	CSEC 2200	Ethics In Information Technology		F	2	
	CSEC 2205	Cloud Computing Fundamentals	MSNA 1235	F	3	
	CSEC 2210	Computer Forensics	MSNA 1213	F	3	
	CSEC 2215	Scripting & Automation	MSNA 2211	F	3	
	CMST *	Goal Area 1 - Oral Comm		F,S,SS	3	
SPRING	CSEC 2220	Offensive Security	MSNA 2245 & 2211	S	3	
	CMST 2302	Goal Area 1 - Small Group Communication		S, F	3	
	CSEC 2225	Network Forensics	MSNA 1255	S	3	
	CSEC 2230	Advanced Security Concepts	MSNA 2245	S	3	
	MSNA 2226	MSNA Capstone	*Permission	S	2	
				TOTAL CREDITS	**60**	

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GENERAL EDUCATION OPTIONS

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*** Goal Area 4 - Math or Logic - MATH 1300 College Algebra, 1351 Introductory Stats, MATH 1320 College Trigonometry, 1380 Precalculus, or PHIL 1340 Intro to Logic

Instructor Contact Info: Ryan Salner - rsalner@sctcc.edu and Brian Volkmuth - bvolkmuth@sctcc.edu

Laptop Requirements
Fall 2023

First-year students in the programs listed below are required to purchase laptop computers and software. Laptops running Windows 10 are highly recommended. Apple computers using MAC OS or Apple devices using iOS, Chromebooks or tablets using Android OS are not recommended for use with the following programs.

Programs requiring personal computers:
- Architectural Construction Technology
- Computer-Aided Mechanical Design Technology
- Computer Programming
- Land Surveying/Civil Engineering Technology
- Energy & Electronics:
    - Mechatronics
    - Energy Technical Specialist
    - Robotics and Automation
    - Instrumentation and Process Control
- Information Technology:
    - Network Administration
    - Cyber Security
    - PC Specialist

Students in programs requiring laptops may order their laptop computers from a recommended vendor. The recommended company, Now Micro, has established a website for our students' use and their prices will be posted on the site. Sales tax will be added to the cost of computers and software. The recommended laptops are dependable and capable of performing the functions needed. They are high-end computers that will perform well during college years as well as after graduation.

Instructions for Purchasing SCTCC Standard Laptop Bundles
1. Go to the vendor website where you will find laptop pricing and specifications. Vendor site: https://portal.nowmicro.com
2. Register as an individual and follow the prompts to set-up online profile or login in if you already have an account.
3. Once you submitted registration, please check your email for password.
4. Once logged into the store site, enter keyword "SCTCC" under the product search to access school-approved laptop bundle options.

*NOTE: Customers must select Credit Card as Payment Method, and either FedEx Ground or Will Pick Up at Store as Delivery Method. Orders that do not comply with these instructions will not be processed.