

## **PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

With Respect to Applying the

### **CENTURY COLLEGE**

Associate of Applied Science in Cybersecurity, Forensics, and Information  
Assurance, Digital Forensics and Malware Analysis

towards the

### **DAKOTA STATE UNIVERSITY**

Bachelor of Science in Cyber Operations and Network & Security Administration

#### **I. Parties**

The parties to this agreement are Century College in White Bear Lake, Minnesota, and Dakota State University in Madison, South Dakota.


#### **II. Purpose**

The purpose of this agreement is to:

- A. Have a signed articulation agreement that addresses the varying needs of students and the complementary nature of the institutions' programs.
- B. Provide increased education opportunities for students from South Dakota and the region.
- C. Extend and clarify educational opportunities for students.
- D. Provide Century College students who have completed the [A.A.S. degree in Cybersecurity, Forensics, and Information Assurance, Digital Forensics and Malware Analysis Track](#) with an opportunity to earn a Bachelor of Science (B.S.) in Cyber Operations (CO) or Network and Security Administration (NetSec) at DSU.
- E. Provide Century College students who have taken the equivalent Century College courses indicated in Attachments B and D the course mapping to transfer in fulfillment of the equivalent DSU course.

#### **III. Academic Program**

Upon successful completion of equivalent courses indicated in Attachments B and D, DSU will accept the earned Century College A.A.S. Associate of Applied Science in Cybersecurity, Forensics, and Information Assurance, Digital Forensics and Malware Analysis credits. These credits will be articulated to fulfill DSU major, general education, or elective requirements. Requirements to be completed at DSU to earn the respective bachelor's degree are outlined in Attachments C and E. South Dakota Board of Regents (SDBoR) policies, university graduation requirements, and degree residency requirements must be met, including (see BOR Policy 2.6.1):

Signed by:  10/26/2025

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Gabriel Warren, DBA Date  
Provost and Vice President of Academic and  
Student Affairs  
Century College

## Attachment A: Century College A.A.S. Cybersecurity, Forensics, and Information Assurance, Digital Forensics and Malware Analysis Track

Course Number and Name	Credits
CFI 1083 - System Security and Network Auditing	3
CFI 1091 - Cloud Computing and Virtualization Forensics	3
CTSA 1030 - Linux Operating System	3
CTSA 1013 - Introduction to Windows Server Operating System	3
INET 1101 - Introduction to Networks (CCNA-1)	3
INET 1201 - Switching, Routing, and Wireless Essentials (CCNA-2)	3
INET 1100 - IT Career Planning	2
CFI 1065 - Introduction to Cybersecurity	3
CFI 1081 - Advanced Windows Forensics	3
CFI 1085 - Network Traffic Analysis: Tools & Technology	3
CFI 1205 - Scripting and Python for Cybersecurity Professionals	3
CFI 2082 - Cyber Forensics	3
CFI 2201 - Malware Analysis Fundamentals & Malicious Code Analysis	3
CFI 2202 - Malicious Documents and Memory Forensics	3
Career/Occupational Electives	3
CFI 1071 - Introduction to Big Data Analytics and Security	3
CFI 1073 - Identity Security and Access Management I	3
CFI 2072 - Visualization and Reporting for Big Data	3
CFI 2073 - Legal Issues in Cybersecurity	3
CFI 2203 - Risk Management and Controls	3
MnTC General Education	
Goal 1	
ENGL 1020 - Composition I	4
COMM 1021 - Public Speaking/Communications/etc	3
Goal 3/4 (Math and Science)	3
Goal 5 (History/social)	3
Goal 6: Humanities	3
<b>Total Credits Completed</b>	<b>60</b>

## Attachment B: Century A.A.S. in Cybersecurity and DSU B.S. in Cyber Operations Crosswalk

DSU Course Number	DSU Credits	Century Course Number	Century Credits
CORE (78 Credits)			
CSC 105 - Introduction to Computers	3		
CSC 134 - Introduction to Cyber	3	CFI 1083 - System Security and Network Auditing CFI 1065 - Introduction to Cybersecurity	6
CSC 150 - Computer Science I	3		
CSC 163 - Hardware, Virtualization, and Data Communication	3	CFI 1091 - Cloud Computing and Virtualization Forensics	3
CSC 234 - Software Security	3	CFI 2201 - Malware Analysis Fundamentals & Malicious Code Analysis	3
CSC 250 - Computer Science II	3		
CSC 285 - Networking I	3	INET 1101 - Introduction to Networks (CCNA-1)	3
CSC 300 - Data Structures	3		
CSC 314 - Assembly Language	3		
CSC 321 - Cyber Law and Policy	3	CFI 2073 - Legal Issues in Cybersecurity	3
CSC 409 - Operating Environments	3	CTSA 1030 - Linux Operating System CTSA 1013 - Introduction to Windows Server Operating System	6
CSC 334 - Web Development	3		
CSC 385 - Networking II	3	INET 1201 - Switching, Routing, and Wireless Essentials (CCNA-2)	3
CSC 404 - Foundation of Computation	3		
CSC 420 - Cellular and Mobile Communications	3		
CSC 428 - Reverse Engineering	3		
CSC 432 - Malware Analysis	3		
CSC 436 - Offensive Network Security	3		
CSC 437 - Survey of Enterprise Systems	3		
CSC 438 - Defensive Network Security	3		
CSC 439 - Threat Hunting and Incident Response	3		
CSC 456 - Operating Systems	3		
MATH 201 - Introduction to Discrete Mathematics	3		

PROGRAM ELECTIVES (9 credits)			
CIS/CSC 300/400 or MATH 123 and above. (9 credits)			
CSC Elective 01	3	CFI 1081 - Advanced Windows Forensics	3
CSC Elective 02	3	CFI 2082 - Cyber Forensics	3
CSC Elective 03	3	CFI 1205 - Scripting and Python for Cybersecurity Professionals	3
Open Electives (12 credits)			
Elective 01	3	CFI 2202 - Malicious Documents and Memory Forensics	3
Elective 02	3	INET 1100 - IT Career Planning	2
Elective 03	3	CFI 1085 - Network Traffic Analysis: Tools & Technology	3
Elective 04	3	Electives Met Above	
GENERAL EDUCATION (30 credits)			
Written Communication (6 credits)			
ENGL 101 - Composition I	3	ENGL 1020 – Composition I	4
ENGL 201 - Composition II	3		
Oral Communication (3 credits)		COMM 1021 – Fundamentals of Public Speaking	3
CMST 101 - Foundations of Communication	3		
Social Sciences (6 credits)			
PSYC 101 - General Psychology	3	ECON/SOC/PSYC (MnTC Goal 6)	3
General Education 03	3		
Arts and Humanities (6 credits)			
General Education 04	3	ENGL/ART/MUS/PHIL (MnTC Goal 5)	3
General Education 04	3		
Mathematics (3 credits)			
General Education 05	3		
Natural Sciences (6 credits)			
General Education 06	3	MnTC Goal 3 (with Lab)	3
General Education 06	3		
<b>DSU Credits</b>	<b>120</b>	<b>Century Credits</b>	<b>60</b>

## **Attachment C: Remaining DSU Major Requirements for the B.S. in Cyber Operations**

<b>DSU CO Course Number</b>	<b>Credits</b>
CSC 105 – Introduction to Computers	3
CSC 150 - Computer Science I	3
CSC 250 - Computer Science II	3
CSC 300 - Data Structures	3
CSC 314 - Assembly Language	3
CSC 334 - Web Development	3
CSC 404 - Foundation of Computation	3
CSC 420 - Cellular and Mobile Communications	3
CSC 428 - Reverse Engineering	3
CSC 432 - Malware Analysis	3
CSC 436 - Offensive Network Security	3
CSC 437 - Survey of Enterprise Systems	3
CSC 438 - Defensive Network Security	3
CSC 439 - Threat Hunting and Incident Response	3
CSC 456 - Operating Systems	3
MATH 201 - Introduction to Discrete Mathematics	3
Written Communication (6 credits)	
General Education 01	3
Social Sciences	
General Education 03	3
Arts and Humanities (6 credits)	
General Education 04	3
Mathematics (3 credits)	
General Education 05	3
Natural Sciences (6 credits)	
General Education 06	3
<b>DSU Credits</b>	<b>60</b>

## Attachment D: Century A.A.S. in Cybersecurity and DSU B.S. Network and Security Administration Crosswalk

DSU Course	DSU Credits	Century Course	Century Credits
CORE (74 Credits)			
CSC 105 - Introduction to Computers	3		
CSC 134 - Introduction to Cyber	3	CFI 1083 - System Security and Network Auditing CFI 1065 - Introduction to Cybersecurity	6
CSC 150 - Computer Science I	3		
CSC 163 - Hardware, Virtualization, and Data Communication	3	CFI 1091 - Cloud Computing and Virtualization Forensics	3
CSC 234 - Software Security	3	CFI 2201 - Malware Analysis Fundamentals & Malicious Code Analysis	3
CSC 250 - Computer Science II	3		
CSC 285 - Networking I	3	INET 1101 - Introduction to Networks (CCNA-1)	3
CSC 321 - Cyber Law and Policy	3	CFI 2073 - Legal Issues in Cybersecurity	3
CSC 334 - Web Development	3		
CSC 385 - Networking II	3	INET 1201 - Switching, Routing, and Wireless Essentials (CCNA-2)	3
CSC 387 Routing and Switching	5		
CSC 388 Computer Forensics Fundamentals	3	CFI 1081 - Advanced Windows Forensics CFI 2082 - Cyber Forensics	6
CSC 407 Advanced Routing and Switching	3		
CSC 409 - Operating Environments	3	CTSA 1030 - Linux Operating System CTSA 1013 - Introduction to Windows Server Operating System	6
CSC 430 Windows Administration	3		
CSC 431 UNIX/Linux Administration	3		
CSC 436 - Offensive Network Security	3		
CSC 437 - Survey of Enterprise Systems	3		
CSC 438 - Defensive Network Security	3		

CSC 439 Threat Hunting & Incident Response	3		
CSC 443 Scripting for Network Administration	3	CFI 1205 - Scripting and Python for Cybersecurity Professionals	3
CSC494 Internship or CSC498 Research	3		
CIS 484 Database Systems	3		
MATH 281 Introduction to Statistics		MATH 1025 Statistics (MnTC Goal 4) If taken	3
PROGRAM ELECTIVES (Choose 19 credits)*			
Elective 01		Electives met above	
Elective 02		Electives met above	
Elective 03		Electives met above	
Elective 04		CFI 2202 - Malicious Documents and Memory Forensics	3
Elective 05		INET 1100 - IT Career Planning	2
		CFI 1085 - Network Traffic Analysis: Tools & Technology	3
GENERAL EDUCATION (30 credits)			
Written Communication (6 credits)			
ENGL 101 - Composition I		ENGL 1020 or 1021	4
ENGL201 Composition II			
Oral Communication (3 credits)			
General Education 02		COMM 1021	3
Social Sciences (6 credits)			
General Education 03		ECON/SOC/PSYC (MnTC Goal 6)	3
General Education 03			
Arts and Humanities (6 credits)			
General Education 04		ENGL/ART/MUS/PHIL (MnTC Goal 5)	3
General Education 04			
Mathematics (3 credits)			
General Education 05		MATH 1025 free elective	3
Natural Sciences (6 credits)			
General Education 06			
General Education 06			
<b>Totals</b>	<b>120</b>		<b>63</b>

\*Additional 3 credits needed due to advanced level math in general education section



## Attachment E: Remaining DSU Major Requirements for the B.S. in Network and Security Administration

<b>DSU NetSec Course Number</b>	<b>DSU Credits</b>
CSC 105 – Introduction to Computers	3
CSC 150 - Computer Science I	3
CSC 250 - Computer Science II	3
CSC 334 - Web Development	3
CSC 387 Routing and Switching	5
CSC 407 Advanced Routing and Switching	3
CSC 430 Windows Administration	3
CSC 431 UNIX/Linux Administration	3
CSC 436 - Offensive Network Security	3
CSC 437 - Survey of Enterprise Systems	3
CSC 438 - Defensive Network Security	3
CSC 439 Threat Hunting & Incident Response	3
CSC494 Internship OR CSC498 Research	3
CIS 484 Database Systems	3
Written Communication (6 credits)	
General Education 01	3
Social Sciences	
General Education 03	3
Arts and Humanities (6 credits)	
General Education 04	3
Natural Sciences (6 credits)	
General Education 06	3
General Education 06	3
<b>DSU Credits</b>	<b>59</b>