

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between the  
**DAKOTA STATE UNIVERSITY**  
and  
**Alexandria Technical and Community College**

Agreement with Respect to Applying to the

**Bachelor of Science in  
Network and Security Administration**

---

### **I. Parties**

The parties to this agreement are Alexandria Technical and Community College (ATCC) and Dakota State University (DSU).

### **II. Purpose**

The purpose of this agreement is to:

- A. Have a signed articulation agreement that addresses the varying needs of students and complementary nature of the institutions' programs;
- B. Provide increased educational opportunities for students at Alexandria Technical and Community College who have completed Alexandria Technical and Community College, AAS Cybersecurity, Virtualization, & Networking
- C. Extend and clarify educational opportunities for students;
- D. Provide Alexandria Technical and Community College students who have completed, or who are currently enrolled in, the Alexandria Technical and Community College, AAS an opportunity to earn a Bachelor of Science Degree in Network and Security Administration at DSU.

### **III. Academic Program**

- A. Upon successful completion of the Alexandria Technical and Community College, AAS Dakota State University will accept 60 credits from Alexandria Technical and Community College prior to transferring to Dakota State University. Students must meet all other Board of Regents policies and DSU admission and graduation requirements to receive a degree.
  - a. Alexandria Technical and Community College students take 15 credits at the General Education level and these courses will be equated on a course by course basis but are already included in the 60 credits transferred.
- B. Requirements to be completed at Dakota State University to earn a Bachelor of Science degree with a major in Network and Security Administration are outlined in Appendix A.

#### **IV. Additional Requirements**

- A. Students must take the Exit Exam prior to graduation, as required of all students graduating with the BS.
- B. DSU will waive the admissions requirement that a student is to provide their high school transcript or GED with scores based on military admissions requirements.
- C. DSU allows degree-seeking students who are currently enrolled to earn academic credit for non-traditional learning experience when those experiences are equivalent to coursework provided at DSU. DSU awards credit for external certifications through non-traditional learning. Appendix A contains a non-exhaustive list. Others will be mapped on a case-by-case basis.
- D. Credits earned through nationally normed exams (AP, CLEP, DSST, etc.) are accepted. The permanent record will show the equivalent course name and a grade of EX for the specified number of credits.
- E. DSU allows transfer of formal classwork from accredited institutions in partial or complete fulfillment of the General Education requirements. DSU requires official transcripts from any accredited college or university, or military service-affiliated college office paperwork, for coursework to be transcribed.
- F. The DSU Admission Policy can be found here:  
<https://catalog.dsu.edu/content.php?catoid=31&navoid=1481>

#### **V. Obligations**

Both parties agree to confer with each other on a yearly basis regarding changes in curricula involved in this articulation agreement.

#### **VI. Modification**

This agreement may be modified from time to time by the South Dakota Board of Regents and ATCC. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare instances in which retroactive implementation of modifications may be required to comply with accreditation standards or to conform to professional licensure requirements.

#### **VII. Effective Date of Agreement**

Start date of the Fall 2021 terms at Alexandria Technical and Community College and DSU.

VIII. Acceptance of Agreement:

For Dakota State University:



Date: 8/6/2021

Dr. ~~James Moran~~ Richard Hanson  
~~Interim~~ Provost and VP of Academic Affairs / Interim

For Alexandria Technical and Community College



Date: 08/13/21

~~Gregg Raisanen~~ Scott Berger  
Interim Academic VP



Date: 8-13-21

Michael Seymour  
President

### Appendix A

**Articulated Alexandria Technical and Community College Associate of Applied Science Cybersecurity, Virtualization, & Networking  
Crosswalk to Dakota State University Bachelor of Science in Network and Security Administration**

DSU Course Number	Dakota State Course Title	Credits	ATCC Course Number	Course Title	Credits
CIS 484	Database Mgmt. Systems	3			
CSC 105	Introduction to Computers	3			
CSC 150	Computer Science I	3	CVNP 2646	Python/JSON	4
CSC 134/CSC 145	Intro to Cyber Operations/ Information Security Fundamentals	3	CVNP 2615	Security Fundamentals	3
CSC 163	Hardware, Virtualization & Data Comm	3	CVNP 2601 CVNP 2626	Virtual Computing Computer Hardware	3 3
CSC 234	Software Security	3			
CSC 250	Computer Science II	3			
CSC 285	Networking I	3	CVNP 1603 CVNP 1612	Cisco I Cisco II	3 4
CSC 321	Information Security Management	3			
CSC 328	Operating Environments	3	CVNP 1601 CNVP 1606	Linux Administration Supporting Windows Operating Systems	3 3
CSC 334	Web Development	3			
CSC 385	Networking II	3	CVNP 2606	Cisco III	4
CSC 387	Routing and Switching	5			
CSC 388	Computer Forensics	3			
CSC 407	Advanced Routing and Switching	3			
CSC 430	Windows Administration	3			
CSC 431	Linux/Unix Admin	3			
CSC 436	Offensive Network Security	3			
CSC 437	Survey of Network Administration	3			
CSC 438	Defensive Network Security	3			
CSC 439	Threat Hunting & IR	3			
CSC 443	Scripting for Network Administration	3			
CSC 494/498	Internship or UG Research	3			
MATH 281	Introduction to Statistics	3			
Elective	Elective	16		ATCC credits not directly applied	15
ENGL 101	Composition I	3	ENGL 1460	Technical Writing	3
ENGL 201	Composition II	3			
CMST 101	Fundamentals of Speech	3			
	Social Science	3			
	Social Science	3			
	Arts and Humanities	3	PHIL 1410	Technology Ethics	3
	Arts and Humanities	3			
MATH 114	College Algebra	3			
	Natural Science	3			
	Natural Science	3			
				Other General Education Credits	9
	<b>Total DSU Credits</b>	<b>120</b>		<b>Total ATCC Transfer Credits</b>	<b>60</b>

DSU Courses after AAS Transfer		
DSU Course Number	Course Title	Credits
CIS 484	Database Mgmt. Systems	3
CSC 105	Introduction to Computers	3
CSC 234	Software Security	3
CSC 250	Computer Science II	3
CSC 321	Information Security Management	3
CSC 334	Web Development	3
CSC 387	Routing and Switching	5
CSC 388	Computer Forensics	3
CSC 407	Advanced Routing and Switching	3
CSC 430	Windows Administration	3
CSC 431	Linux/Unix Admin	3
CSC 436	Offensive Network Security	3
CSC 437	Survey of Network Administration	3
CSC 438	Defensive Network Security	3
CSC 439	Threat Hunting & IR	3
CSC 443	Scripting for Network Administration	3
CSC 494/498	Internship or UG Research	3
MATH 281	Introduction to Statistics	3
	General Education Credits	15
<b>Degree Transfer Credits:</b>		<b>60</b>
<b>DSU Credits after AAS Degree:</b>		<b>71</b>
<b>Total Credits:</b>		<b>131</b>

