#### SOUTH DAKOTA BOARD OF REGENTS

### Academic and Student Affairs Consent

**AGENDA ITEM: 5 – K DATE: May 13-15, 2024** 

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#### **SUBJECT**

Memorandum of Understanding – DSU & United States Army Cyber Center of Excellence

### CONTROLLING STATUTE, RULE, OR POLICY

**BOR Policy 5.3** – Agreements and Contracts

#### **BACKGROUND / DISCUSSION**

Dakota State University (DSU) seeks to enter into a Memorandum of Understanding with the United States Army Cyber Center of Excellence (CCoE).

#### IMPACT AND RECOMMENDATION

The MOU establishes the terms for awarding course credit from DSU to enlisted personnel that have completed training/education courses at the CCoE. Credits will apply towards select DSU programs in the Beacome College of Computer and Cyber Sciences and the College of Arts and Sciences Cyber Leadership and Intelligence Program as outlined in Appendix A of the MOU.

#### **ATTACHMENTS**

Attachment I – MOU – DSU & United States Army Cyber Center of Excellence

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#### **DRAFT MOTION 20240513 5-K:**

I move to approve Dakota State University to finalize and execute the MOU between DSU and the United States Army Cyber Center of Excellence in substantially similar form to that set forth in Attachment I.

# MEMORANDUM OF UNDERSTANDING BETWEEN THE UNITED STATES ARMY CYBER CENTER OF EXCELLENCE FORT EISENHOWER, GEORGIA AND DAKOTA STATE UNIVERSITY MADISON, SOUTH DAKOTA

MOU #:	
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SUBJECT: Continuing Education Degree Program Articulation Agreement and Academic Partnership

This Memorandum of Understanding (MOU) is made as of the date of the last signature to this Agreement by and between Dakota State University (DSU) and the Cyber Center of Excellence (CCoE) (referred to collectively, as the "Parties").

DSU's mission is to prepare cyber-savvy graduates who are lifelong learners, problem solvers, innovators, and leaders to live lives of positive purpose and consequence.

The CCoE mission is to develop Warfighters, leaders, and capabilities to operate, defend, attack, and influence through cyberspace and the electromagnetic spectrum to fight and win in multi-domain operations.

### 1. REFERENCES/AUTHORITIES:

- a. Executive Order 13607: Establishing Principles of Excellence for Educational Institutions Serving Service Members, Veterans, Spouses, and Other Family Members, 27 April 2012
- b. Department of Defense Instruction (DoDI) 4000.19, Support Agreements, 16 December 2020
  - c. Department of Defense University Affiliated Research Center (UARC) Management Plan, 23 June 2010
  - d. Department of Defense Strategy for Operating in Cyber Space, 2011
  - e. Department of Defense Cyberspace Workforce Strategy, 2023-2027
  - f. Department of Defense Cyber Strategy, 18 September 2018
  - g. Department of Defense Instruction (DoDI) 1322.25, Voluntary Education
  - h. South Dakota Board of Regents

Programs, 15 March 2011, Incorporating Change 3, Effective 7 July 2014

- i. Army Regulation 621-1, Advanced Education Programs and Requirements for Military Personnel
  - j. Army Regulation 621-5, Army Continuing Education System
  - k. United States Army Cyber Center of Excellence Strategic Plan, 2023
- 2. **PURPOSE:** This MOU establishes the terms for awarding course credit from DSU to enlisted personnel that have completed training/education courses at the CCoE, as outlined in paragraph 4. The credits will apply towards select DSU programs in the Beacom College of Computer and Cyber Sciences and the College of Arts and Sciences Cyber Leadership and Intelligence Program as outlined in Appendix A. The MOU also establishes a relationship between said Parties to support the growth of each organization's students and workforce while detailing the objectives and scope of education, training, technical support, and outreach provided by the Parties.
- 3. **UNDERSTANDING OF THE PARTIES:** The Parties hereby mutually agree to undertake and promote the benefits of this collaboration as follows:
- a. CCoE will list the DSU Beacom College of Computer and Cyber Sciences and the College of Arts and Sciences Cyber Leadership and Intelligence degree programs on the CCoE website for Continued Education Degree Programs (CEDP) and assist DSU in working with Army Continuing Education Services to access and/or update the ArmylgnitEd web portal. Updating the ArmylgnitEd portal will help inform Soldiers of the benefits available to them pursuant to this MOU, and to inform them of their ability to receive course credit from DSU in accordance with theterms of this MOU. CCoE will refer interested students to ArmylgnitEd, the CCoE CEDP website, and/or Army University's webpage to obtain such information.
- b. DSU will implement and maintain a publicly accessible webpage that identifies the degree and/or class enrollment options for students who are eligible to obtain credit pursuant to this MOU. The DSU webpage(s) will provide a degree map and contact information for the programs described in Appendix A. The system institution webpage(s) will be updated regularly as needed to publicize the official listing and status of programs.
- c. Each Party grants to the other a royalty-free, nonexclusive, non- transferable revocable license to use its name, logos, and other identifying symbols for the limited purpose of this section. Except as specifically authorized in this MOU, however, neither Party shall use 1) the name or marks of the other; 2) the name or likeness of any student; or 3) the name or likeness of an employee or officer of the other in connection with any product, service, promotion, news release or other

publicity without the prior written permission of the other Party and of the individual(s) whose name(s) or likeness may be under consideration.

### 4. CONTINUING EDUCATION DEGREE PROGRAM (CEDP) REQUIREMENTS:

- a. Students enrolling in the DSU Beacom College of Computer and Cyber Sciences and the College of Arts and Sciences Cyber Leadership and Intelligence programs under the provisions of this MOU must:
- (1) Be currently serving in the Department of the Army while possessing MOS 17A, 170A, 170B, 170D, 255A, 255N, or 255S; or having recently been retired (no more than three years from the date of this agreement) from the aforementioned MOS'.
- (2) Have completed the MOS courses outlined in item 4.b, for which they are seeking course credit.
- (3) Present a Joint Service Transcript (JST), as well as, course completioncertificates in order to receive credit for the courses outlined in this MOU.
- (4) Meet all admission requirements for DSU and their Beacom College of Computer and Cyber Sciences and College of Arts and Sciences Cyber Leadership and Intelligence programs. Information pertaining to adult and military students is available at <a href="Admissions Dakota State University (dsu.edu">Admissions Dakota State University (dsu.edu</a>) and <a href="Military Programs Dakota State University (dsu.edu">Military Programs Dakota State University (dsu.edu</a>).
- (5) Submit all standard examinations scores for college credit completed (such as College Level Examination Program (CLEP), and other competency exams). A full list of how credit can be awarded at DSU for these exams can be found by visiting Testing Services Dakota State University (dsu.edu).
- (6) Meet all graduation requirements as defined by the DSU catalog and South Dakota Board of Regents (SDBOR) policies. DSU's degree residency is outlined in their course catalog at <u>Graduation Requirements and Procedures Dakota State University Acalog ACMS™ (dsu.edu)</u>.

### b. DSU agrees to:

- (1) Award academic credit towards the Beacom College of Computer and Cyber Sciences and the College of Arts and Sciences Cyber Leadership and Intelligence programs for enrollees who have completed the following Military Occupational Specialty (MOS) Courses:
- 17A Cyber Warfare Officer 4C-17-C22 (Hold a Bachelor of Science or higher degree in electrical engineering, computer science, computer engineering, information systems, information assurance/cyber security or mathematics);

- 170A Cyber Operations Technician;
- 170B Electromagnetic Warfare Technician;
- 170D Cyberspace Capability Developer Technician;
- 255A Data Operations Technician;
- 255N Network Management Technician; and
- 255S Cyberspace Defense Technician.

### The credits awarded for each course are as follows:

Military Specialty	DSU's Course	Course Credit Hours
17A	At the graduate level: 6 INFA 700-level elective credits	6
170A	CSC 105 Intro to Computers	3
	CSC 134 Intro to Cyber	3
	CSC 321 Cyber Law and Policy	3
	CSC 388 Computer Forensics Fundamentals	3
	CLI 101 Introduction to Cyber Leadership	3
	CLI 110 The US Intelligence Community	3
170B	CSC 321 Cyber Law and Policy	3
	CLI 101 Introduction to Cyber Leadership	3
	CLI 110 The US Intelligence Community	3
170D	CSC 150 Computer Science I	3
	CSC 250 Computer Science II	3
	CLI 101 Introduction to Cyber Leadership	3
	CLI 110 The US Intelligence Community	3
255A	ENGL 101 Composition*	3
	ENGL 201 Composition II*	3
	MATH 114 College Algebra*	3
Phase I	CSC 105 Intro to Computers	3
	CSC 134 Intro to Cyber	3
	CLI 110 The US Intelligence Community	3
Phase II	CIS 325 Management Information Systems	3
	CIS 484 Database Management Systems	3
255N	CSC 105 Intro to Computers	3
	CSC 285 Networking I	3
	CSC 385 Networking II	3
	CLI 110 The US Intelligence Community	3
255S	CSC 134 Intro to Cyber	3
	CSC 150 Computer Science I	3
	CSC 163 Hardware, Virtualization, and Data Communication	3
	CSC 285 Networking I	3
	CSC 328 Operating Environments	3
	CSC 432 Malware Analysis	3

CLI 101 Introduction to Cyber Leadership	3
CLI 110 The US Intelligence Community	3

<sup>\*</sup> These credits will be validated through the transfer credit process, but they are prerequisites for 255As.

Please refer to Appendix B for mapping of CCoE specific courses to the program of study for the Beacom College of Computer and Cyber Sciences and the College of Arts and Sciences Cyber Leadership and Intelligence programs.

- (2) Provide distance learning opportunities for students enrolling in the DSU Program/s under this agreement.
- (3) Charge its publicly published tuition rate to active duty military and active reservists, including members of the National Guard, for both online courses worldwide and face-to-face courses offered in the United States, as per Army Regulation 621-5. DSU tuition rates are subject to change. Current tuition rates can be found at <a href="Tuition & Fees Dakota State University (dsu.edu">Tuition & Fees Dakota State University (dsu.edu</a>). The Student's Military Service will pay up to \$250.00 in tuition and fees per semester hour. The Student is responsible forpaying any tuition and fees in excess of \$250.00 per semester hour.
- (4) Maintain institutional authority of the terms of student matriculation, degree offerings, requirements, and awarding of degrees in accordance with each institution's policies and procedures, and applicable U.S. Army regulations. Terms for CCoE articulation agreements with participating institutions will include but not be limited to:
- (5) Maintain the Department of Homeland Security (DHS) and National Security Agency (NSA) designation as Centers of Academic Excellence (CAE) in Cyber Defense (CAE-CD), Cyber Operations (CAE-CO), and Research (CAE-R) for cyber programs.
- (6) If on-site at Fort Eisenhower, comply with installation policies, procedures, and requirements for physical security and information technology access and use, complying with the Installation Access guidance that is integral to DODI 1322.25and in keeping with Executive Order 13607. Also, onsite institutions must fulfill requirements for postsecondary institutions that present instruction on a militaryinstallation, as stated in AR 621-1.
- (7) Adopt the ArmylgnitEd processes. ArmylgnitEd is the Army Continuing Education System (ACES) centralized management system for the Army's postsecondary voluntary education programs. Sign the DoD MOU and adhere to its policies. Other contracts that participating institutions may have with military installations and ACES remain in place and are supplemented with DOD Instruction (DODI) 1322.25.
  - (8) To the extent that student data must be provided to representatives of

the Army, pursuant to such policies and procedures, institutions will provide such information for students who have consented to the release of such information, in accordance with the Family Educational Rights and Privacy Act (FERPA).

- (9) During normal business hours, provide students with regular and accessible academic advisement services at the institution where the student is enrolled via walk-in appointments, telephone, email, and/or synchronous web chat/video services, or other established or new student services.
- (10) Provide online coordinators via the ArmylgnitEd portal to assist with soldier registrations and resolution of help desk cases submitted by the Education ServicesOfficer (ESO) within 2 business days of receipt.
- (11) In the event of program termination, participating institutions will make reasonable efforts to assist students affected by the change.
- (12) Provide or arrange for library and other reference and research resources that are appropriate for the level of the academic offerings, and which correspond with the Guidelines for Extended Library Services published by the Association of College and Research Libraries.
- (13) Make education resources and materials available for students to fully participate in the courses in which they enroll on the same basis as such materials are available to other students of the Institution.
- (14) Annually, provide projected term and registration dates, along with class schedules for Army Continuing Education Services (ACES) approval before posting courses on ArmylgnitEd. Advise ACES of any change in, or deletion of, scheduled course offerings.
- (15) Provide guidance to students on alternatives for course enrollments in the event of course cancellation. Notify students when a class (or a class related activity) is cancelled due to an emergency, hazardous weather conditions, breach in security, or instructor unavailability.
- (16) Maintain policies and procedures that outline how, if awarded, academic credit is awarded for successful completion of relevant military training. college-level curricula, and standardize examinations offered by nationally recognized organizations, such as the Advanced Placement Program (AP), the International Baccalaureate Program (IB), the College Level Examination Program (CLEP), and DANTES Subject Standardized Test Program (DSST). The policy and procedures shall apply to both in-state and out-of-state students and comply with the guidelines set forth in the institution's academic/student affairs handbook.
- (17) Provide all Cyber and Signal Soldiers with written withdrawal policies, procedures, and provisions for tuition refund as it pertains to ArmylgnitEd at the time of academic advisement and registration periods.

- (18) Provide advisement of and assistance to pursue any supplemental financial aid other than Army tuition assistance for those students who are ineligible for Army tuition assistance (e.g. Veterans Administration benefits, basic grants, and scholarships).
- (19) Provide a certificate, diploma, or degree to those students meeting the Institution's requirements, and to provide, at a minimum, an annual graduation ceremony consistent with the policies of the Institution.

### 5. OTHER KEY REQUIREMENTS:

### a. CCoE agrees to:

- (1) Provide advisory assistance to participating DSU institutions in curriculum development and, at the discretion of the CCoE and invitation of DSU, serve as guest instructors and speakers during seminars and courses.
- (2) Facilitate for the possibility of field experiences including internships, capstone projects, and more for students enrolled in approved programs or classes at DSU.
- (3) Inform DSU representatives of collaboration opportunities for capability experimentation and research.
- (4) Support efforts to promote cybersecurity teaching and learning throughout South Dakota in areas that align with the CCoE mission and responsibilities.

### b. DSU agrees to:

- (1) Designate a representative to liaise with CCoE personnel through regular engagements and appointments to facilitate this agreement as needed.
- (2) Promote and support DSU student attendance and/or participation in CCoE-affiliated conferences and symposiums.
- (3) Identify faculty that can serve on CCoE-affiliated Subject Matter Expert Panels, conferences, or symposiums and support that service.
- 6. **EFFECTIVE DATE AND TERMINATION:** This MOU will be effective from the last date of signing and will have a duration of three years (the "Term"). This MOU may be renewed in writing by both Parties for additional one (1) year terms. Either Party may terminate this MOU upon 90 days written notice to the other Party made to the institutional contact address, via U.S. Certified mail. Termination must be in writing and signed by the approving officials or their designee(s). However, the termination

will not affect Soldiers/veterans already in the program or course work.

- 7. **MODIFICATION:** This MOU may only be modified by the written agreement of the Parties, duly signed by their authorized representatives. Programs and articulation agreements may be unilaterally updated during the Term by the DSU provost to reflect currently available programs. Also, the CCoE CEDP and DSU webpages will be updated regularly as needed to publicize the most current official listing of programs. Any amendments will be dated, consecutively numbered, and appended to each copy of this document.
- 8. **NOTICES**: Any notice or communication permitted or required between the Parties under this MOU shall be in writing and given by hand delivery, delivery by United States mail, email, or delivery by commercial overnight carrier. Notice shall be effective upon receipt to the person to whom it was addressed or ten (10) days after notice was sent, whichever is earlier. Notice shall be given to the following individuals:

### CCoE:

Mr. Sean Barns
Director, Commander's Planning
Group
Division Cyber Center of Excellence
419 B Street
Fort Eisenhower, GA 30905

Phone: 706-791-7477

Email: sean.w.barnes3.civ@army.mil

### DSU:

Dr. Rebecca Hoey Provost and Vice President of Academic Affairs Dakota State University 820 North Washington Avenue Madison, SD 57042

Phone: 605-256-5136

Email: rebecca.hoey@dsu.edu

- 9. Either party may change the notice address set forth in this Agreement by providingnotice to the other party.
- 10. The parties have executed this Agreement by signing below.

REBECCA HOEY
Provost and Vice President of
Academic Affairs
Dakota State University

PAUL T. STANTON
Brigadier General, U.S. Army
U.S. Army Cyber Center of Excellence

	ATTACHMENT I	10
SUBJECT: Continuing Education Degree Progran Academic Partnership	n Articulation Agreement and	
(Date)	(Date)	

### Appendix A

# **Dakota State University Program Offerings**

Master of Science in Artificial Intelligence To be published in April 2024

Master of Science in Computer Science <u>Program: Computer Science</u>, <u>M.S. - Dakota</u> <u>State University - Acalog ACMS™ (dsu.edu)</u>

Master of Science in Cyber Defense <u>Program: Cyber Defense</u>, <u>M.S. - Dakota State</u> <u>University - Acalog ACMS™ (dsu.edu)</u>

Bachelor of Science in Artificial Intelligence <u>Program: Artificial Intelligence</u>, <u>B.S.</u> - Dakota State University - Acalog ACMS™ (dsu.edu)

Bachelor of Science in Computer Science <u>Program: Computer Science</u>, <u>B.S. - Dakota State University - Acalog ACMS™ (dsu.edu)</u>

Bachelor of Science in Cyber Leadership and Intelligence <u>Program: Cyber Leadership</u> and Intelligence, B.S. - Dakota State University - Acalog ACMS™ (dsu.edu)

Bachelor of Science in Cyber Operations <u>Program: Cyber Operations, B.S. - Dakota State University - Acalog ACMS™ (dsu.edu)</u>

Bachelor of Science in Network and Security Administration <u>Program: Cyber Operations</u>, B.S. - Dakota State University - Acalog ACMS™ (dsu.edu)

# **Appendix B**

Mapping of MOS courses (17A, 170A, 170B, 170D, 255A, 255N, 255S) to the Bachelor of Science and/or Master of Science degrees at Dakota State University.

### 17A - Cyber Warfare Officer

(holds BS degree – depending on the degree, the officer is likely to have additional classes that will articulate)

Master of Science in Artificial Intelligence Master of Science in Computer Science Master of Science in Cyber Defense

Approved DSU transfer credits for each of the three above Master of Science degree programs	Transfer Credit
INFA 700-level elective credits	3 Credits
INFA 700-level elective credits	3 Credits

### 170A - Cyber Operations Technician

Bachelor of Science in Artificial Intelligence

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber as an elective	3 Credits
CSC 321 Cyber Law and Policy towards a minor	3 Credits
CSC 388 Computer Forensics Fundamentals towards a minor	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Bachelor of Science in Computer Science

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber as an elective	3 Credits
CSC 321 Cyber Law and Policy	3 Credits

CSC 388 Computer Forensics Fundamentals as an elective	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: Digital Forensics

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber	3 Credits
CSC 321 Cyber Law and Policy	3 Credits
CSC 388 Computer Forensics Fundamentals	3 Credits
CLI 101 Intro to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: World Affairs and Human Behavior

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber	3 Credits
CSC 321 Cyber Law and Policy	3 Credits
CSC 388 Computer Forensics Fundamentals as an elective	3 Credits
CLI 101 Intro to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Operations

Approved DSU transfer credits	Transfer Credit

CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber	3 Credits
CSC 321 Cyber Law and Policy	3 Credits
CSC 388 Computer Forensics Fundamentals as an elective	3 Credit
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Bachelor of Science in Network and Security Administration

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber	3 Credits
CSC 321 Cyber Law and Policy	3 Credits
CSC 388 Computer Forensics Fundamentals	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# <u>170B – Electromagnetic Warfare Technician</u> Bachelor of Science in Artificial Intelligence

Approved DSU transfer credits	Transfer Credit
CSC 321 Cyber Law and Policy as an elective	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Computer Science

SUBJECT: Continuing Education Degree Program Articulation Agreement and Academic Partnership

Approved DSU transfer credits	Transfer Credit
CSC 321 Cyber Law and Policy	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: Digital Forensics

Approved DSU transfer credits	Transfer Credit
CSC 321 Cyber Law and Policy	3 Credits
CLI 101 Introduction to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: World Affairs and Human Behavior

Approved DSU transfer credits	Transfer Credit
CSC 321 Cyber Law and Policy	3 Credits
CLI 101 Introduction to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Operations

Approved DSU transfer credits	Transfer Credit
CSC 321 Cyber Law and Policy	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course	

credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.

Bachelor of Science in Network and Security Administration

Approved DSU transfer credits	Transfer Credit
CSC 321 Cyber Law and Policy	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# 170D - Cyberspace Capability Developer

Bachelor of Science in Artificial Intelligence

Approved DSU transfer credits	Transfer Credit
CSC 150 Computer Science I	3 Credits
CSC 250 Computer Science II	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Computer Science

Approved DSU transfer credits	Transfer Credit
CSC 150 Computer Science I	3 Credits
CSC 250 Computer Science II	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: Digital Forensics

Approved DSU transfer credits	Transfer Credit
CSC 150 Computer Science I as an elective	3 Credits
CSC 250 Computer Science II as an elective	3 Credits
CLI 101 Introduction to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: World Affairs and Human Behavior

Approved DSU transfer credits	Transfer Credit
CSC 150 Computer Science I as an elective	3 Credits
CSC 250 Computer Science II as an elective	3 Credits
CLI 101 Introduction to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Operations

Approved DSU transfer credits	Transfer Credit
CSC 150 Computer Science I	3 Credits
CSC 250 Computer Science II	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Network and Security Administration

Approved DSU transfer credits	Transfer Credit
CSC 150 Computer Science I	3 Credits

CSC 250 Computer Science II	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# 255A - Data Operations Technician

Bachelor of Science in Artificial Intelligence

Approved DSU transfer credits	Transfer Credit
ENGL 101 Composition*	3 Credits
ENGL 201 Composition II*	3 Credits
MATH 114 College Algebra*	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Phase I

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Phase II

Approved DSU transfer credits	Transfer Credit
CIS 325 Management Information Systems as an elective	3 Credits
CIS 484 Database Management Systems as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined	

<sup>\*</sup> These credits will be validated through the transfer credit process, but they are prerequisites for 255As.

in SD Board of Regents policy.

Bachelor of Science in Computer Science

Approved DSU transfer credits	Transfer Credit
ENGL 101 Composition*	3 Credits
ENGL 201 Composition II*	3 Credits
MATH 114 College Algebra*	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Phase I

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Phase II

Approved DSU transfer credits	Transfer Credit
CIS 325 Management Information Systems as an elective	3 Credits
CIS 484 Database Management Systems as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: Digital Forensics

Approved DSU transfer credits	Transfer Credit
ENGL 101 Composition*	3 Credits
ENGL 201 Composition II*	3 Credits
MATH 114 College Algebra*	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined	

in SD Board	of Regents	policy.
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### Phase I

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Phase II

Approved DSU transfer credits	Transfer Credit
CIS 325 Management Information Systems as an elective	3 Credits
CIS 484 Database Management Systems as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: World Affairs and Human Behavior

Approved DSU transfer credits	Transfer Credit
ENGL 101 Composition*	3 Credits
ENGL 201 Composition II*	3 Credits
MATH 114 College Algebra*	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Phase I

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber as an elective	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Phase II

Approved DSU transfer credits	Transfer Credit
CIS 325 Management Information Systems as an elective	3 Credits
CIS 484 Database Management Systems as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Operations

Approved DSU transfer credits	Transfer Credit
ENGL 101 Composition*	3 Credits
ENGL 201 Composition II*	3 Credits
MATH 114 College Algebra*	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Phase I

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Phase II

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Approved DSU transfer credits	Transfer Credit
CIS 325 Management Information Systems as an elective	3 Credits
CIS 484 Database Management Systems as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Network and Security Administration

Approved DSU transfer credits	Transfer Credit
ENGL 101 Composition*	3 Credits
ENGL 201 Composition II*	3 Credits
MATH 114 College Algebra*	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Phase I

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 134 Intro to Cyber as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

### Phase II

Approved DSU transfer credits	Transfer Credit
CIS 325 Management Information Systems as an elective	3 Credits
CIS 484 Database Management Systems	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# 255N - Network Management Technician

Bachelor of Science in Artificial Intelligence

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 285 Networking I as an elective	3 Credits
CSC 385 Networking II as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined	

in SD Board of Regents policy.

Bachelor of Science in Computer Science

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 285 Networking I	3 Credits
CSC 385 Networking II as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: Digital Forensics

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 285 Networking I as an elective	3 Credits
CSC 385 Networking II as an elective	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: World Affairs and Human Behavior

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 285 Networking I as an elective	3 Credits
CSC 385 Networking II as an elective	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Operations

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits

CSC 285 Networking I	3 Credits
CSC 385 Networking II	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Bachelor of Science in Network and Security Administration

Approved DSU transfer credits	Transfer Credit
CSC 105 Intro to Computers	3 Credits
CSC 285 Networking I	3 Credits
CSC 385 Networking II	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# <u>255S – Cyberspace Defense Technician</u> Bachelor of Science in Artificial Intelligence

Approved DSU transfer credits	Transfer Credit
CSC 134 Intro to Cyber as an elective or minor	3 Credits
CSC 150 Computer Science I	3 Credits
CSC 163 Hardware, Virtualization, and Data Communication as an elective or minor	3 Credits
CSC 285 Networking I as an elective or minor	3 Credits
CSC 328 Operating Environments as an elective or minor	3 Credits
CSC 432 Malware Analysis as an elective or minor	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Computer Science

SUBJECT: Continuing Education Degree Program Articulation Agreement and Academic Partnership

Approved DSU transfer credits	Transfer Credit
CSC 134 Intro to Cyber as an elective	3 Credits
CSC 150 Computer Science I	3 Credits
CSC 163 Hardware, Virtualization, and Data Communication as an elective	3 Credits
CSC 285 Networking I	3 Credits
CSC 328 Operating Environments as an elective	3 Credits
CSC 432 Malware Analysis as an elective	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: Digital Forensics

Approved DSU transfer credits	Transfer Credit
CSC 134 Intro to Cyber	3 Credits
CSC 150 Computer Science I as an elective or minor	3 Credits
CSC 163 Hardware, Virtualization, and Data Communication as an elective or minor	3 Credits
CSC 285 Networking I as an elective or minor	3 Credits
CSC 328 Operating Environments as an elective or minor	3 Credits
CSC 432 Malware Analysis as an elective or minor	3 Credits
CLI 101 Introduction to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

Bachelor of Science in Cyber Leadership and Intelligence: World Affairs and Human Behavior

Approved DSU transfer credits	Transfer Credit
CSC 285 Networking I as an elective or minor	3 Credits
CSC 163 Hardware, Virtualization, and Data Communication as an elective or minor	3 Credits

CSC 328 Operating Environments as an elective or minor	3 Credits
CSC 150 Computer Science I as an elective or minor	3 Credits
CSC 432 Malware Analysis as an elective or minor	3 Credits
CSC 134 Intro to Cyber	3 Credits
CLI 101 Introduction to Cyber Leadership	3 Credits
CLI 110 The US Intelligence Community	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Bachelor of Science in Cyber Operations

Approved DSU transfer credits	Transfer Credit
CSC 285 Networking I	3 Credits
CSC 163 Hardware, Virtualization, and Data Communication	3 Credits
CSC 328 Operating Environments	3 Credits
CSC 150 Computer Science I	3 Credits
CSC 432 Malware Analysis	3 Credits
CSC 134 Intro to Cyber	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits
CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	

# Bachelor of Science in Network and Security Administration

Approved DSU transfer credits	Transfer Credit
CSC 285 Networking I	3 Credits
CSC 163 Hardware, Virtualization, and Data Communication	3 Credits
CSC 328 Operating Environments	3 Credits
CSC 150 Computer Science I	3 Credits
CSC 432 Malware Analysis as an elective	3 Credits
CSC 134 Intro to Cyber	3 Credits
CLI 101 Introduction to Cyber Leadership as an elective	3 Credits

# ATTACHMENT I 27

SUBJECT: Continuing Education Degree Program Articulation Agreement and Academic Partnership

CLI 110 The US Intelligence Community as an elective	3 Credits
DSU will apply any remaining available course credit or military training as elective credits to meet program and graduation requirements as outlined in SD Board of Regents policy.	