

SOUTH DAKOTA BOARD OF REGENTS

Academic and Student Affairs
Consent

AGENDA ITEM: 4 – C

DATE: May 9-11, 2017

SUBJECT: Articulation Agreement – DSU & NCS-NSA

Board of Regents [Policy 2:27 Program to Program Articulation Agreements](#) establishes requirements for institutions seeking to develop program level agreements for interested transfer students. The policy further establishes the distinction between AA, AS, and AAS degrees which are classified as transferable, terminal, or non-transferable degrees (respectively). However, the AS is “transferable when a specific degree articulation agreement exists between a given A.S. degree and a specific Baccalaureate degree.” Agreements established with regionally accredited institutions must be developed in conjunction with the faculty, following all institutional guidelines and are monitored as a function of the institutional program review process. Once approved, the agreements apply only at Regental institutions with equivalent programs. To comply with BOR Policy 2:27, Dakota State University requests approval for the following articulation agreement:

- Students who have completed certain NSA-sponsored coursework at the National Cryptologic School (NCS) of the National Security Agency (NSA) can apply credit toward the Associate of Science in Software Development degree program at DSU (Attachment I).

DRAFT MOTION 20170509_4-C: I move to approve the articulation agreement between Dakota State University and the National Cryptologic School of the National Security Agency.

PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between the
NATIONAL CRYPTOLOGIC SCHOOL
of the
NATIONAL SECURITY AGENCY

and

DAKOTA STATE UNIVERSITY

Agreement with Respect to Applying for an

Associate of Science in
Software Development

I. Parties

The parties to this agreement are the National Cryptologic School (NCS) of the National Security Agency (NSA) and Dakota State University (DSU).

II. Purpose

The purpose of this document is to:

1. Establish a signed articulation agreement that addresses the individual needs of the students of the NCS;
2. Recognize the complementary nature of the NSA and DSU programs; and
3. Provide students who have completed certain NSA-sponsored coursework an opportunity to more efficiently earn the DSU Associate of Science degree in Software Development.

III. Academic Program

- A. Requirements to be completed toward the DSU Associate of Science degree in Software Development are outlined in Appendix A.
- B. Students must meet all Board of Regents policies and university admission and graduation requirements to receive a degree.
- C. The courses in this program are stackable into three DSU B.S. programs including: Computer Science, Network & Security Administration, and Cyber Operations.

Additional Requirements:

1. No more than ten (10) years has passed since completion of the course (see Appendix A) to be recorded.
2. The student earned a grade of "P" (Passing) or "S" (Satisfactory) on the course to be recorded.

3. The DSU Associate of Science degree in Software Development requires the completion of at least 60 hours of course work distributed among required general education, required core courses and required elective credits.
4. Students must complete a minimum of 15 credits from DSU to meet institutional credits residency requirement for the DSU Associate of Science degree in Software Development.
5. Students admitted to DSU will be charged standard off-campus tuition rates for the duration approved by DSU.
6. Students will complete the normal application process through DSU including official transcripts from all postsecondary institutions previously attended as well as applicable paperwork from NCS, which will be reviewed in accordance with the parameters specified in Appendix A.

IV. Obligations

Both parties agree to confer with each other on a yearly basis regarding changes in curricula involved in this articulation agreement. Faculty and staff at both institutions will share information on this agreement with interested and qualified students. Both institutions will provide counseling and advising to students and prospective students.

V. Modification

This agreement may be modified from time to time by mutual agreement of the SD Board of Regents and the NCS. 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.

VI. Effective Date of Agreement: Start date of Fall 2017

VII. Acceptance of Agreement:

For Dakota State University:

Judith L. Dittman Date: March 2, 2017
Dr. Judith Dittman
Assistant to the President – Special Projects

Richard Hanson Date: 3/2/2017
Dr. Richard Hanson
Interim Provost & Vice President for Academic Affairs

For National Security Agency:

Leonard T. Reinsfelder Date: 3/17/17
Dr. Leonard T. Reinsfelder
Commandant, National Cryptologic School

Appendix A

I. The DSU Associate of Science in Software Development degree program requirements are as follows:

System-wide General Education Requirements		24
Required Courses		27
*CSC 105 Introduction to Computers	3	
CSC 150 Computer Science I	3	
*CSC 245 Information Security Fundamentals	3	
CSC 250 Computer Science II	3	
CSC 260 Object Oriented Design	3	
*CSC 363 Hardware, Virtualization, and Data Communication	3	
*CIS 275 Web Application Programming I	3	
CIS 332 Systems Analysis & Design	3	
*CIS 484 Database Management Systems	3	
Choose 9 credits from the following courses		9
CSC 300 Data Structures	3	
CSC 314 Assembly Language	3	
**CSC 328 Operating Environments	3	
CIS 340 Java Programming	3	
CIS 375 Web Application Programming II	3	
**CIS 383 Networking I	3	
CIS 487 Database Programming	3	
MATH 120 Trigonometry	3	
MATH 123 Calculus I	4	
MATH 201 Introduction to Discrete Math	3	
MATH 281 Introduction to Statistics	3	
Total Program Credits		60

***JCAC alignment to DSU: 15 Credits**

JCAC	DSU Equivalent
Computer Technology	CSC 105 Introduction to Computers (3)
Intro to Information System Security	CSC 245 Information Assurance Fundamentals (3)
Data Communications	CSC 363 Hardware, Virtualization & Data Comm (3)
Computer Programming Scripting Dev	CIS 275 Web Programming I (3)
Information Assurance	CIS 484 Database Management (3)

II. The following courses (12 credits) must be taken from DSU:

- CSC 150 Computer Science I (3)
- CSC 250 Computer Science II (3)
- CSC 260 Object Oriented Design (3)
- CIS 332 Systems Analysis & Design (3)

III. The following 6 credits in the “Choose 9 credits from the following courses” listing will be met through completion of JCAC:

- **CSC 328 Operating Environments
- **CIS 383 Networking I

IV. The 24 credits of general education may be transferred in from regionally accredited institutions. DSU offers students of the NCS a flexible approach to allow them to apply specific work-related training, as defined in this document, toward completion of the degree.**Note:**

- Consult with academic advisor on math requirements for each program.
- Students must complete a minimum of 15 credit hours from Dakota State University to meet institutional residency requirements for an Associate of Science degree.
- Credit earned for college-level courses by validation methods such as Credit by Exam, CLEP, AP, portfolio, etc. will not be considered “credits in residence.”
- To be eligible for “Honors Designation at Graduation” (e.g., “with honor,” “with high honor, and “with highest honor”), an associate-level graduate must have completed a minimum of 30 credit hours at DSU.