

PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Agreement with Respect to Applying the
**COMPUTER INFORMATION SYSTEMS
(PROGRAMMING SPECIALIST OPTION)**
Associate of Applied Sciences Degree Program

Towards the
COMPUTER AND NETWORK SECURITY MAJOR
Bachelor of Science Degree Program

Between
LAKE AREA TECHNICAL INSTITUTE
and
DAKOTA STATE UNIVERSITY

I. Parties

The parties to this agreement are Lake Area Technical Institute (LATI) 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 from South Dakota and the region;
- C. extend and clarify educational opportunities for students;
- D. provide LATI students who have completed the A.A.S. degree in Computer Information Systems (Programming Specialist Option) an opportunity to earn a Bachelor of Science degree with a major in Computer and Network Security.

III. Academic Program

- A. Upon successful completion of the major requirements specified in III.B below, Dakota State University will accept **9** technical course credits from the A.A.S. degree in Computer Information Systems (Programming Specialist Option) for students majoring in Computer and Network Security. Students must successfully complete the A.A.S. degree in Computer Information Systems (Programming Specialist Option) from LATI prior to transferring to Dakota State University for the technical course credits to be accepted. General Education coursework is in addition to the 9 technical course credits. Furthermore, students may validate credit for any required course in the

major using any of the validation methods accepted by Dakota State University. Students may not earn more than 32 semester hours of credit using these validation methods.

- B. Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree.
- C. Requirements to be completed at Dakota State University to earn a Bachelor of Science degree with a major in Computer and Network Security are outlined below.

Major requirements: 48 credits

BADM 456 Cyberlaw (3 credits)
 CIS 275 Web Programming I (3 credits)
 CIS 328 Operating Environments (3 credits)
 CIS 332 Structured Systems Analysis & Design (3 credits)
 CIS 375 Web Programming II (3 credits)
 CIS 383 Networking I (3 credits)
 CIS 385 Networking II (3 credits)
 CIS 414 Computer Security Fundamentals (3 credits)
 CIS 416 Network Security (3 credits)
 CIS 418 Intrusion Control & Detect (3 credits)
 CIS 422 Cryptography & Info Assurance (3 credits)
 CIS 424 Internet & E-Commerce (3 credits)
 CIS 484 Database Mgmt. Systems (3 credits)
 CIS 494 Internship

or

CIS 498 Undergraduate Research Scholarship (3 credits)
 CIS 388 Computer Forensics (3 credits)
 CSC 409/509 Systems Programming (3 credits)

Required Support Courses: 21 credits

ACCT 210 Principles of Accounting I (3 credits)*
 ACCT 211 Principles of Accounting II (3 credits)*
 BADM 220 Business Statistics (3 credits)
 BADM 360 Organization & Management (3 credits)
 BADM 378 Marketing for E-Commerce (3 credits)
 ENGL 208 Documentation & Presentation (3 credits)
 MATH 201 Intro to Applied Math (3 credits)

*Students may validate courses by taking a CLEP examination and achieving the minimum scores designated by the BOR CLEP policy.

General Education/Institutional Graduation Requirement Courses: 41 credits

1. Must **NOT** include CSC 150 Computer Science I (3 credits)
2. Must include ECON 201 Principles of Microeconomics (3 credits) and MATH 201 (3 credits)

3. The remaining 32 credits must meet system general education requirements, in addition to institutional graduation requirements, globalization requirements and writing intensive requirements, and must be selected from the approved list of courses specified in BOR Policy 2:7.

4. To fulfill the system general education requirements, all students must pass the System Information Literacy Examination. Students must sit for the exam during the semester in which they have completed 48 passed credit hours and must have completed a specified 18 credit hours of general education courses during the first two semesters of attendance at DSU.

Electives: 9 credits

Total number of credits at Dakota State University: 119

Transfer credits from LATI: 9*

Total credits required: 128

*Transferable general education course credits can be completed at LATI.

Additional requirements:

1. In accordance with BOR policy 2:28, students must demonstrate satisfactory performance in writing, mathematics, reading and science reasoning as evidenced by receiving a passing score on all sections of the Collegiate Assessment of Academic Proficiency (CAAP) exam. In accordance with the Regental policy, students must sit for the exam during the semester in which they have completed 48 passed credit hours and must have completed a specified 18 credit hours of general education courses during the first two semesters of attendance at DSU.

IV. Obligations

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

V. Modification

This agreement may be modified from time to time by the South Dakota Board of Regents and Lake Area Technical Institute with approval by the South Dakota Board of Education. 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. Incorporation of terms in master agreement.

The parties have entered into the present agreement pursuant to the agreement of December 14, 2004 between the Watertown Board of Education on behalf of Lake Area Technical Institute and the South Dakota Board of Regents on behalf of Black Hills State University, Dakota State University, Northern State University, the South Dakota School of Mines and Technology, South Dakota State University and the University of South Dakota. This agreement shall be subject to all terms and conditions stated in the December 14, 2004 agreement.

VII. Effective Date of Agreement: Start Date of the Fall 2005 Term at LATI and DSU. The agreement applies to students who graduated from LATI in 2000 and subsequent years.

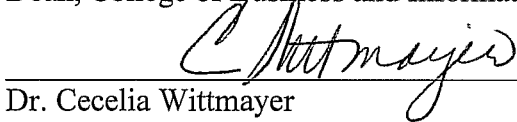
VIII. Acceptance of Agreement:

For Dakota State University:



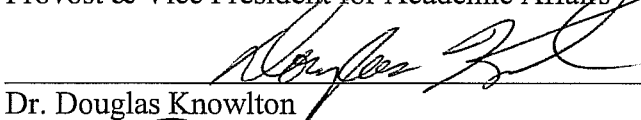
Date: 9/28/2005

Dr. Tom Halverson
Dean, College of Business and Information Systems



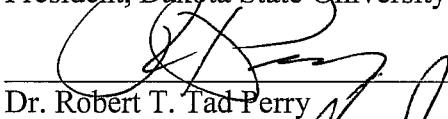
Date: 9/28/05

Dr. Cecelia Wittmayer
Provost & Vice President for Academic Affairs



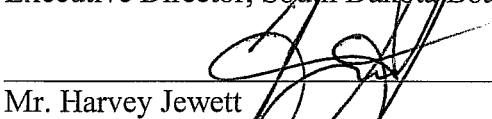
Date: 9/29/05

Dr. Douglas Knowlton
President, Dakota State University



Date: 10-10-05

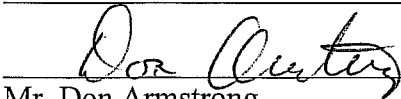
Dr. Robert T. Tad Perry
Executive Director, South Dakota Board of Regents



Date: 10/12/05


Mr. Harvey Jewett
President, South Dakota Board of Regents

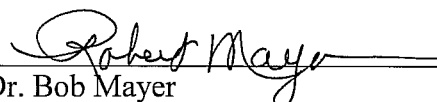
For Lake Area Technical Institute:

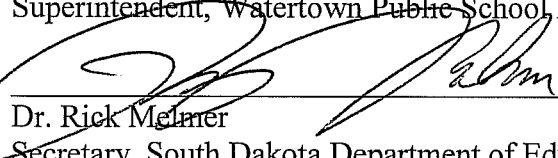


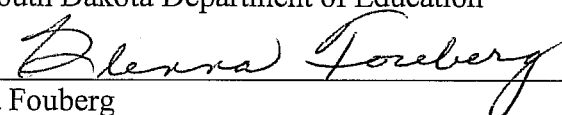
Date: 10/26/05

Mr. Don Armstrong
Chair


Date: 10-26-05
Dr. Gary Williams
Director, Lake Area Technical Institute


Date: 12-14-05
Dr. Bob Mayer
Superintendent, Watertown Public School District


Date: 12/29/05
Dr. Rick Melner
Secretary, South Dakota Department of Education


Date: 1/5/06
Mrs. Glenna Fouberg
President, South Dakota Board of Education