

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Agreement with Respect to Applying the  
**COMPUTER INFORMATION SYSTEMS  
(GRAPHIC AND WEB DESIGN SPECIALIST OPTION)**  
Associate of Applied Sciences Degree Program  
Towards the  
**COMPUTER INFORMATION SYSTEMS MAJOR  
Bachelor of Science Degree Program**

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
DAKOTA STATE UNIVERSITY

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### **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 (Graphics and Web Design Specialist Option) an opportunity to earn a Bachelor of Science degree with a major in Computer Information Systems.

### **III. Academic Program**

- A. Upon successful completion of the major requirements specified in III.B below, Dakota State University will accept **10** technical course credits from the A.A.S. degree in Computer Information Systems (Graphics and Web Design Specialist Option) for students majoring in Computer Information Systems. Students must successfully complete the A.A.S. degree in Computer Information Systems (Graphics and Web Design 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 10 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 Information Systems are outlined below.

**Major requirements: 42 credits**

CIS 251 Business App Programming (3 credits)  
 CIS 332 Structured Systems Analysis & Design (3 credits)  
 CIS 380 Software System Testing (3 credits)  
 CIS 383 Networking I (3 credits)  
 CIS 384 Decision Support Systems (3 credits)  
 CIS 427 IS Planning & Management (3 credits)  
 CIS 484 Database Mgmt. Systems (3 credits)  
 CIS 494 Internship

**or**

CIS 498 Undergraduate Research Scholarship (3 credits)  
 CSC 206 Adv. Computer Applications (3 credits) \*

*\* cannot be Access*

Choose 1 Specialization (15 credits)

**Systems Development Specialization**

CIS 361 Advanced Prog. For Bus. Applications  
 CIS 277 OS Interface & Utilities  
 CIS 330 COBOL I  
 CIS 331 COBOL II  
 CIS 487 Database Programming

or

**Web Development Specialization**

CIS 361 Adv. Prog. For Bus. Applications  
 CIS 275 Web Programming I  
 CIS 375 Web Programming II  
 CIS 424 Internet & E-Commerce  
 CIS 487 Database Programming

or

**Web Design Specialization**

ARTD 282 2-D Design I  
 ENGL 401 Adv. Writing  
 MCOM 351 Web Publishing I  
 MCOM 352 Web Publishing II  
 MCOM 409 Information Architecture

**Required Support Courses: 31 credits**

ACCT 210 Principles of Accounting I (3 credits)\*  
 ACCT 211 Principles of Accounting II (3 credits)\*  
 BADM 220 Business Statistics (3 credits)  
 BADM 310 Business Finance (3 credits)  
 BADM 321 Business Statistics II (3 credits)  
 BADM 360 Organization & Management (3 credits)  
 BADM 370 Marketing (3 credits)  
 BADM 425 Production & Oper Mgmt (3 credits)  
 ENGL 208 Documentation & Presentation (3 credits)  
 MATH 121 Survey of Calculus (4 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 include CIS 130 Visual Basic Programming (3 credits)
2. Must include ECON 201 Principles of Microeconomics (3 credits)
3. The remaining 35 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: 4 credits**

**Total number of credits at Dakota State University: 118**

**Transfer credits from LATI: 10\***

**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.

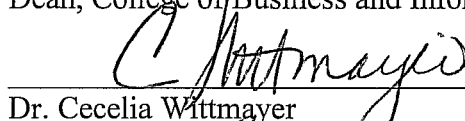
**VII. Effective Date of Agreement:** Start Date of the Fall 2005 Term at LATI and DSU. The agreement applies to students who graduated from LATI in 2000 and subsequent years.

#### VIII. Acceptance of Agreement:


For Dakota State University:

 \_\_\_\_\_ Date: 9/28/2005


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

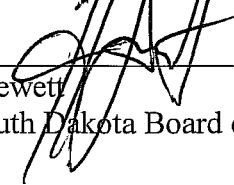
 \_\_\_\_\_ Date: 9/28/05

Dr. Cecelia Wittmayer  
Provost & Vice President for Academic Affairs

 \_\_\_\_\_ Date: 9/29/05

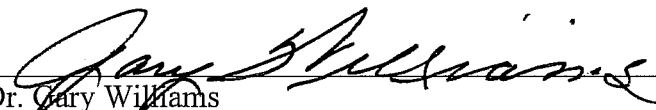
Dr. Douglas Knowlton  
President, Dakota State University

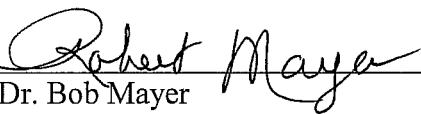
  
Date: 10-10-05  
Dr. Robert T. Tad Perry  
Executive Director, South Dakota Board of Regents

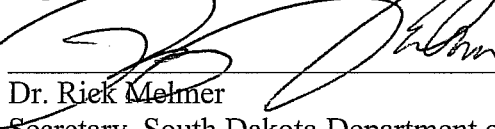
  
Date: 10/17/05  
Mr. Harvey Jewett  
President, South Dakota Board of Regents

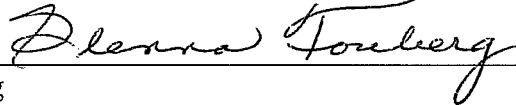
For Lake Area Technical Institute:

  
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: 12/20/05  
Dr. Rick Melmer  
Secretary, South Dakota Department of Education

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