

## **PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Agreement with Respect to Applying the  
**COMPUTER SOFTWARE SUPPORT**  
**Associate of Applied Sciences Degree Program**  
Towards the  
**COMPUTER INFORMATION SYSTEMS MAJOR**  
**Bachelor of Science Degree Program**

Between  
MITCHELL TECHNICAL INSTITUTE  
and  
DAKOTA STATE UNIVERSITY

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### **I. Parties**

The parties to this agreement are Mitchell Technical Institute (MTI) 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 MTI students who have completed the A.A.S. degree in Computer Software Support 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 **12** technical course credits from the A.A.S. degree in Computer Software Support for students majoring in Computer Information Systems. Students must successfully complete the A.A.S. degree in Computer Software Support from MTI prior to transferring to Dakota State University for the technical course credits to be accepted. General Education coursework is in addition to the 12 technical course credits. Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree.

- B. 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: 41 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 (2 credits) \*

*\* cannot be Access or Excel*

Choose one 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)

**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: 3 credits**

**Total number of credits at Dakota State University: 116**

**Transfer credits from MTI: 12\***

**Total credits required: 128**

\*Transferable general education course credits can be completed at MTI.

**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 Mitchell 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 January 25, 2005 between the Mitchell Board of Education on behalf of Mitchell 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 January 25, 2005 agreement.

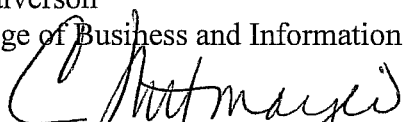
**VII. Effective Date of Agreement:** Start Date of the Fall 2005 Term at MTI and DSU. The agreement applies to students who graduated from MTI in 2000 and subsequent years.

**VIII. Acceptance of Agreement:**

For Dakota State University:

  
Date: 8/1/2005

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

  
Date: 8/1/05


Dr. Cecelia Wittmayer  
Provost & Vice President for Academic Affairs

  
Date: 8/1/05

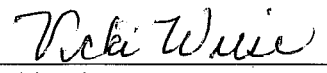
Dr. Douglas Knowlton  
President, Dakota State University


  
Date: 8-8-05

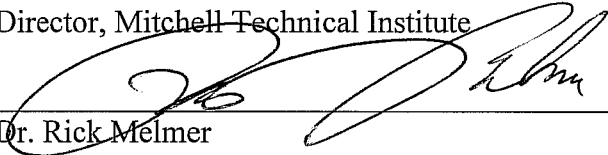
Dr. Tad Perry  
Executive Director, South Dakota Board of Regents

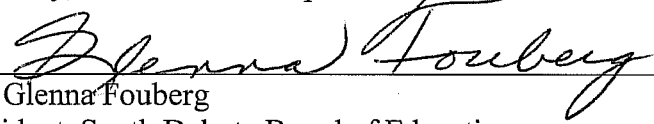
  
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Date: 9-1-05  
Mr. Harvey Jewett  
President, South Dakota Board of Regents

For Mitchell Technical Institute:

  
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Date: 9-16-05  
Ms. Vicki Wiese  
Assistant Director for Curriculum and Instruction

  
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Date: 9-12-05  
Mr. Chris Paustian  
Director, Mitchell Technical Institute

  
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Date: 9/2/05  
Dr. Rick Melmer  
Secretary, South Dakota Department of Education

  
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Date: 9/19/09  
Ms. Glenna Foubert  
President, South Dakota Board of Education