

PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Agreement with Respect to Applying the
BUILDING TRADES TECHNOLOGY
Associate of Applied Sciences Degree Program
Towards the
CONSTRUCTION MANAGEMENT MAJOR
Bachelor of Science Degree Program

Between
LAKE AREA TECHNICAL INSTITUTE
and
SOUTH DAKOTA STATE UNIVERSITY

I. Parties

The parties to this agreement are Lake Area Technical Institute (LATI) and South Dakota State University (SDSU).

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; and
- D. provide LATI students who have completed the A.A.S. degree in Building Trades Technology an opportunity to earn a Bachelor of Science degree with a major in Construction Management.

III. Academic Program

- A. Upon successful completion of the major requirements specified in III.B. below, SDSU will accept 13 technical course credits and 3 credits of SDSU required support courses from the A.A.S. degree in Building Trades Technology for students majoring in Construction Management. Students must successfully complete the A.A.S. degree in Building Trades Technology from LATI prior to transferring to SDSU for the technical course credits to be accepted. General Education coursework is in addition to the 12 technical course credits and 3 credits of required support courses. Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree.
- B. Requirements to be completed at SDSU to earn a Bachelor of Science degree with a major in Construction Management are outlined below.

Major requirements: 49 credits

1. CM 210/210L, Construction Surveying and Lab (4 credits)
2. CM 216, Construction Materials (3 credits)
3. CM 232, Plans Specifications and Blueprint Reading (3 credits)
4. CM 320/320L, Construction Soil Mechanics and Lab (3 credits)
5. CM 321/321L, Strength of Materials and Lab (3 credits)
6. CM 332/332L, Building Construction Methods and Systems (3 credits)
7. CM 333, Mechanical, Electrical, Plumbing Systems (3 credits)
8. CM 353, Structural Theory for Technologists (3 credits)
9. CM 374, Heavy Construction Methods and Systems (3 credits)
10. CM 400, Risk Management and Construction Safety (3 credits)
11. CM 410, Construction Project Management and Supervision (3 credits)
12. CM 443, Construction Planning and Scheduling (3 credits)
13. CM 451, Cost Estimating I (3 credits)
14. CM 455, Residential Construction (3 credits)
15. CM 473, Construction Management (3 credits) - meets Writing Intensive requirement
16. CM 482, Engineering Administration (3 credits)

Required Support Courses: 26 credits

1. CSC 105, Introduction to Computers (3 credits)
 2. MATH 121/121L, Survey of Calculus and Lab (5 credits)
 3. GE 241/241L, Applied Mechanics and Lab (3 credits)
 4. ECON 201, Principles of Microeconomics (3 credits)
 5. ACCT 210, Principles of Accounting I (3 credits)*
 6. ACCT 211, Principles of Accounting II (3 credits)
 7. BADM 334, Small Business Management (3 credits)
 8. BADM 350, Legal Environment of Business and Contracts (3 credits)
- (* This course is available at LATI.)

General Education/Institutional Graduation Requirement Courses: 38-39 credits

1. Must include ENGL 277, Technical Writing in Engineering (3 credits)
2. Must include ECON 202, Principles of Macroeconomics (3 credits) – meets globalization requirement
3. Must include CHEM 106/106L, Chemistry Survey and Lab (4 credits)
4. Must include MATH 115, Pre-calculus (5 credits)
5. Must include PHIL 220, Introduction to Ethics (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I and Lab (4 credits)
7. 16-17 remaining credits must meet System General Education requirements, Institutional Graduation requirements, Globalization requirement and Writing Intensive requirement and be selected from the approved list of courses specified in BOR policy 2:7. To fulfill the System General Education Requirements, all students must pass the System Information Literacy Examination. Technical institute graduates must take the examination the first semester of enrollment at the university.

Electives: 1-2 credits

Total number of credits at SDSU: 115

Transfer credits from LATI: 13*

Total credits required: 128

*Transferable general education courses can be completed at LATI.

Additional requirements:

1. Students transferring from Lake Area Technical Institute must have a cumulative GPA of "C" (2.0 on a 4.0 scale) and no course grade below a "C" (2.0 on a 4.0 scale).
2. 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. The exam must be taken during the first semester of enrollment at SDSU.

IV. Obligations

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

V. Modifications

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 Fall 2005 Terms at LATI and SDSU. The agreement applies to students who graduated from LATI in 2000 and subsequent years.

VIII. Acceptance of Agreement

For South Dakota State University:



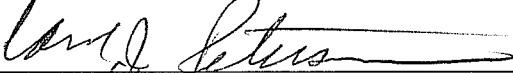
Date: 25 Apr 05

Dr. Teresa Hall
Department Head, Engineering Technology and Management



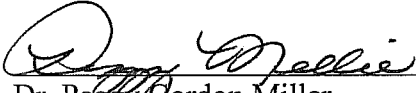
Date: 4-27-2005

Dr. Lewis Brown
Dean, College of Engineering



Date: 5/4/05

Dr. Carol J. Peterson
Provost and Vice President for Academic Affairs



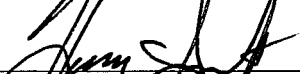
Date: 5/7/05

Dr. Peggy Gordon Miller
President, South Dakota State University



Date: 5-14-05

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



Date: 6/02/05

Mr. Harvey Jewett
President, South Dakota Board of Regents

For Lake Area Technical Institute:



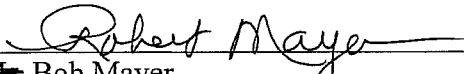
Date: 7-6-05

Mr. Dale Howlett 
Chair, Lake Area Technical Institute



Date: 7-6-05

Mr. Gary Williams
Director, Lake Area Technical Institute



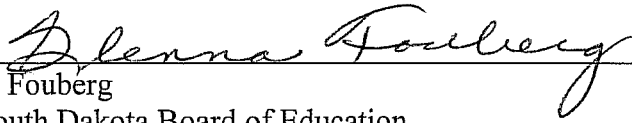
Date: 7-6-05

~~Dr. Mr.~~ Bob Mayer
Superintendent, Watertown Public School District



Date: 9/8/05

Dr. Riek Melmer
Secretary, South Dakota Department of Education



Date: 9/17/05

Mrs. Glenna Fouberg
President, South Dakota Board of Education