

# PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
LAKE AREA TECHNICAL COLLEGE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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Agreement with Respect to Applying the  
**Energy Technology**  
Associate of Applied Sciences Degree Program at LATC  
Toward the  
**Operations Management**  
Bachelor of Science Degree Program at SDSU

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## I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings SD and Lake Area Technical College (LATC), Watertown SD.

## 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 LATC students who have completed the A.A.S. degree in Energy Technology an opportunity to earn a B.S. degree with a major in Operations Management, manufacturing emphasis.

## III. Academic Program

Graduation Requirements for the BSOM, manufacturing emphasis, degree at SDSU:

|  |            |
|--|------------|
| Operations Management requirements:          | 54         |
| General Education (SGR) credits:             | 32         |
| <u>Block Transfer credits from LATC EST:</u> | <u>34</u>  |
| <b>Total Credits Required:</b>               | <b>120</b> |

- A. Upon successful completion of the major requirements specified in III.B. below, SDSU will accept **34 technical course credits** from the A.A.S. degree in Energy Technology for students majoring in Operations Management. Students must successfully complete the A.A.S. degree prior to transferring to SDSU for the block transfer course credits to be accepted. *Transferrable General Education coursework taken at LATC is in addition to the 34 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 SDSU to earn a Bachelor of Science degree with a major in Operations Management are listed here:

Major requirements: 37 credits

1. BADM 360, Organization & Management OR  
GE 385, Introduction to Systems Engineering & Management (3 credits)
2. CM 130, Management Tools & Analysis (3 credits)
3. GE 425, Occupational Safety & Health (3 credits)
4. HRM 460, Human Resource Management OR  
LEAD 435, Organizational Leadership & Team Development (3 credits)
5. MNET 460, Engineering Economic Analysis OR  
FIN 310 Business Finance (3 credits)
6. OM 240, Decision Making Processes in Management (3 credits)
7. OM 425, Production / Operations Management (3 credits)
8. OM 462, Quality Management (3 credits)
9. OM 463, Supply Chain Management (3 credits)
10. OM 465, Quality Control Applications (3 credits)
11. OM 470, Project Management (2 credits)
12. OM 471, Capstone Experience (2 credits)
13. OM 490, Seminar (1 credit)
14. OM 494, Internship (2 credits)

Required Support Courses: 17 credits

1. ACCT 210, Principles of Accounting I (3 credits)
2. ACCT 211, Principles of Accounting II (3 credits)
3. MATH 121/L, Survey of Calculus & Lab (5 credits)
4. CSC 325, Management Information Systems (3 credits)
5. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental Systems General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at LATC if equivalent courses are available.*** Please note that BOR Policy 2.5.12 states: “Total transfer credit for work at a junior, community college (2 year), and/or two-year technical college may not exceed one-half of the hours required for completion of the baccalaureate degree at the accepting institution.” *For the BSOM program, that number is 60 credits.*

General Education (SGR) Courses: 32 credits

1. Must include ENGL 101, Composition I, (SGR 1) (3 credits)
2. Must include ENGL 277, Technical Writing in Engineering (SGR 1) (3 credits)
3. Must include SPCM 101, Fundamentals of Speech, (SGR 2) (3 credits)
4. Must include ECON 201, Principles of Microeconomics (SGR 3) (3 credits)
5. Must include MATH 114, College Algebra (SGR 5) (3 credits)
6. Must include CHEM 106/106L, Chemistry Survey & Lab (SGR 6) (4 credits)
7. Must include PHYS 101/101L, Survey of Physics I & Lab (SGR 6) (4 credits) *2 credits count toward the OM major]*
8. 9 remaining credits must meet System General Education requirements and be selected from the approved list of courses specified in BOR policy 2:7.

**Total number of credits at SDSU: 86**

**Transfer credits from LATC: 34\***

**Total credits required: 120**

\*Transferable general education courses can be completed at LATC to a maximum of 60 transferrable credits.

Additional requirements:

1. Students transferring from Lake Area Technical College 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).

**IV. Obligations**

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

**V. Modifications**

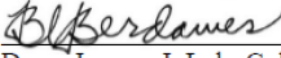
This agreement may be modified from time to time by the South Dakota Board of Regents and Lake Area Technical College. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare instances 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**

This agreement will go into effect at the start of the Fall 2020 semester term at LATC and SDSU. The agreement applies to students who graduated from LATC in 2012 and in subsequent years.


**VII. Acceptance of Agreement:**

For South Dakota State University:

  
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Date: 4/29/2020  
Dean, Jerome J. Lohr College of Engineering

  
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Date: 4/29/2020  
Provost and Vice President for Academic Affairs

For Lake Area Technical College:

  
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Date: 7 Jan 20  
President, Lake Area Technical College