

# 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  
**Precision Machining**  
**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 Precision Machining an opportunity to earn a Bachelor of Science degree with a major in Operations Management (Manufacturing emphasis).

## III. Academic Program

Graduation Requirements for the BS in Operations Management at SDSU

Operations Management Major requirements:	54
General Education (SGR & IGR) credits:	30
<u>Block Transfer credits from LATC Precision Machining:</u>	<u>36</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 **36 technical course credits** from the A.A.S. degree in Precision Machining 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. *General Education coursework is in addition to the 36 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 outlined below.

Major requirements: 25 credits

- 1.MNET 367/L, Production Strategy & Lab (3 credits)
- 2.MNET 460, Manufacturing Cost Analysis (3 credits)
- 3.OM 425, Production / Operations Management (3 credits)
- 4.OM 462, Quality Control (3 credits)
- 5.OM 463, Supply Chain Management (3 credits)
- 6.OM 465, Quality Control Applications (3 credits)
- 7.OM 469, Project Management (2 credits)
- 8.OM 471/L, Capstone Experience & Lab (1 credit)
- 9.OM 494, Internship (3 credits)
- 10.OM 490, Seminar (1 credit)

Required Support Courses: 29 credits

- 1.ACCT 210, Principles of Accounting I (3 credits)
- 2.ACCT 211, Principles of Accounting II (3 credits)
- 3.BADM 360, Organization & Management (3 credits)
- 4.CSC 325, Management Information Systems (3 credits)
- 5.FIN 310, Business Finance (3 credits)
- 6.GE 425, Occupational Safety & Health Management (3 credits)
- 7.HRM 460, Human Resource Management or LEAD 435 Organizational Leadership & Team Development (3 credits)
- 8.MATH 121/L, Survey of Calculus & Lab (5 credits)
- 9.STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) and SDSU Institutional Graduation Requirements (IGR) must also be completed as outlined below. ***This coursework may be taken at LATC if equivalent courses are available.*** Please note that BOR Policy 2.5.13 states: “Total transfer credit for work at a two-year technical or community 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: 30 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/L Chemistry Survey (4 credits) [2 credits count toward OM major – applied to block transfer]
- 7.Must include PHYS 111/L, Introduction to Physics I & Lab (SGR 6) (4 credits)
- 8.



**VII. Acceptance of Agreement**

For South Dakota State University:

DocuSign generated by: *Bruce Berdanier* 10/2/2019 12:46 PDT  
Dean, School of Business Administration

*[Signature]*  
Provost & Vice President for Academic Affairs

For Lake Area Technical College:

*[Signature]*  
Interim President