PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between
SOUTHEAST COMMUNITY COLLEGE
and
SOUTH DAKOTA STATE UNIVERSITY

Agreement with Respect to Applying the
Manufacturing Engineering Technology
Associate of Applied Sciences Degree Program at SCC- Milford
Toward the
Operations Management
Bachelor of Science Degree Program at SDSU

I.   Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings SD and Southeast Community College (SCC), NE, Milford Campus.

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 SCC students who have completed the A.A.S. degree in Manufacturing Engineering Technology 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, Manufacturing emphasis requirements:	54
System General Education Requirements (SGR) Credits:	32
Block Transfer credits from SCC Manufacturing Engineering Technology	34
Total Credits Required:	**120**

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 Manufacturing Engineering Technology for students majoring in Operations Management, Manufacturing emphasis. Students must successfully complete the A.A.S. degree in Manufacturing Engineering Technology from SCC prior to transferring to SDSU for the block transfer course credits to be accepted. *General Education coursework 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, Manufacturing emphasis are outlined 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. CSC 325, Management Information Systems (3 credits)
4. GE 425, Occupational Safety & Health (3 credits)
5. HRM 460, Human Resource Management OR
   LEAD 435, Organizational Leadership & Team Development (3 credits)
6. MNET 460, Engineering Economic Analysis OR
   FIN 310 Business Finance (3 credits)
7. OM 240, Decision Making Processes in Management (3 credits)
8. OM 425, Production / Operations Management (3 credits)
9. OM 462, Quality Management (3 credits)
10. OM 463, Supply Chain Management (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 and Lab (5credits)
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 SCC 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 SCC: 34*
Total credits required: 120
*Transferable general education courses can be completed at SCC.

<u>Additional requirements:</u>
Students transferring from Southeast Community 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 Southeast Community College Board of Governors. 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 SCC and SDSU. The agreement applies to students who graduated from SCC in 2010 and subsequent years.

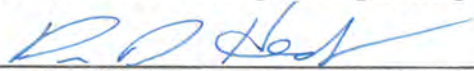## VII.   Acceptance of Agreement:

For South Dakota State University:

Bruce W Berdanier Digitally signed by Bruce W Berdanier
DN: cn=Bruce W Berdanier, o=South Dakota State University,
ou=College of Engineering,
email=bruce.berdanier@sdstate.edu, c=US
Date: 2021.03.03 14:31:08 -06'00'

_____ Date: _____
Dean, Jerome J. Lohr College of Engineering

_____ Date: 3-3-21
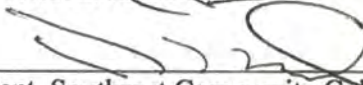Provost and Vice President for Academic Affairs

For Southeast Community College:

_____ Date: 2/25/21
Vice President for Instruction

_____ Date: _____
President, Southeast Community College