

**SOUTH DAKOTA BOARD OF REGENTS**

**Academic and Student Affairs**  
**Consent**

**AGENDA ITEM: 4 – H**  
**DATE: March 27-29, 2018**

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**SUBJECT**

**Articulation Agreements – SDSU**

**CONTROLLING STATUTE, RULE, OR POLICY**

[BOR Policy 2:27](#) – Program to Program Articulation Agreements

**BACKGROUND / DISCUSSION**

BOR Policy 2:27 Program to Program Articulation Agreements establishes requirements for institutions seeking to develop program level agreements for interested transfer students. The policy further establishes the distinction between AA, AS, and AAS degrees which are classified as transferable, terminal, or non-transferable degrees (respectively). However, the AAS is “transferable when a specific degree articulation agreement exists between a given A.A.S. degree and a specific Baccalaureate degree.” Agreements established with regionally accredited institutions must be developed in conjunction with the faculty, following all institutional guidelines and are monitored as a function of the institutional program review process. Once approved, the agreements apply only at Regental institutions with equivalent programs.

**IMPACT AND RECOMMENDATION**

To comply with BOR Policy 2:27, South Dakota State University requests approval for the following articulation agreements:

- Students who have completed coursework in the Agri-Business, Dairy Management, Farm Operation and Management, or the GPS/GIS Technology for Agriculture Associate of Applied Science Program at Ridgewater can apply credit toward the Bachelor of Science in Agricultural Science degree at SDSU (Attachment I).
- Students who have completed the Child Development Associates (CDA) credential with the South Dakota Department of Social Services – Division of Child Care can apply 11 credits toward the Bachelor of Science in Early Childhood Education: Birth to Age 8 at SDSU (Attachment II).

(Continued)

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**DRAFT MOTION 20180327\_4-H:**

I move to approve the articulation agreements presented between South Dakota State University and 1) Ridgewater College, 2) the South Dakota Department of Social Services – Division of Child Care, 3) Lake Area Technical Institute, 4) Mitchel Technical Institute, and 5) Southeast Technical Institute.

- Students who have completed coursework in the Agri-Business, Agronomy Technology, Dairy Management, Farm Operation and Management, or the GPS/GIS Technology for Agriculture Diploma at Ridgewater can apply credit toward the Bachelor of Science in Agricultural Science degree at SDSU (Attachment III).

SDSU also requests approval to update several of preexisting articulation agreements with Lake Area Technical Institute (LATI), Mitchel Technical Institute (MTI), and Southeast Technical Institute, which are listed below. Provided in Attachment IV is an example of one of these existing agreements with track changes shown to illustrate the primary changes made to all of the agreements due to changes in general education (termination of IGRs), changes in governance structure for the SD Technical Institutes, and some policy changes. There were also updates made to courses as needed, but these vary by agreement and were minor. Clean copies of all seventeen of the revised agreements can be found in Attachment V.

- Students who have completed coursework in the A.A.S. degree in Building Trades Technology at LATI can apply credit toward the Bachelor of Science degree in Construction at SDSU.
- Students who have completed coursework in the A.A.S. degree in Electronic Systems Technology at LATI can apply credit toward the Bachelor of Science degree in Electronics Engineering Technology at SDSU.
- Students who have completed coursework in the A.A.S. degree in Electronic Systems Technology at LATI can apply credit toward the Bachelor of Science degree in Operations Management at SDSU.
- Students who have completed coursework in the A.A.S. degree in Precision Machining at LATI can apply credit toward the Bachelor of Science degree in Operations Management (Manufacturing emphasis) at SDSU.
- Students who have completed coursework in the A.A.S. degree in Robotics at LATI can apply credit toward the Bachelor of Science degree in Electronics Engineering Technology at SDSU.
- Students who have completed coursework in the A.A.S. degree in Robotics at LATI can apply credit toward the Bachelor of Science degree in Operations Management (Manufacturing emphasis) at SDSU.
- Students who have completed coursework in the A.A.S. degree in Architectural Design and Building Construction at MTI can apply credit toward the Bachelor of Science degree in Construction Management at SDSU.
- Students who have completed coursework in the A.A.S. degree in Administrative Office Specialist at MTI can apply credit toward the Bachelor of Science degree in Operations Management at SDSU.

- Students who have completed coursework in the A.A.S. degree in Automation Controls / SCADA at MTI can apply credit toward the Bachelor of Science degree in Electronics Engineering Technology at SDSU.
- Students who have completed coursework in the A.A.S. degree in Telecommunications at MTI can apply credit toward the Bachelor of Science degree in Electronics Engineering Technology at SDSU.
- Students who have completed coursework in the A.A.S. degree in Welding and Manufacturing Technology at MTI can apply credit toward the Bachelor of Science degree in Operations Management at SDSU.
- Students who have completed coursework in the A.A.S. degree in Wind Turbine Technology at MTI can apply credit toward the Bachelor of Science degree in Electronics Engineering Technology at SDSU.
- Students who have completed coursework in the A.A.S. degree in Business Administration at STI can apply credit toward the Bachelor of Science degree in Operations Management at SDSU.
- Students who have completed coursework in the A.A.S. degree in Civil Engineering Technology at STI can apply credit toward the Bachelor of Science degree in Construction Management at SDSU.
- Students who have completed coursework in the A.A.S. degree in Construction Management Technology at STI can apply credit toward the Bachelor of Science degree in Construction Management at SDSU.
- Students who have completed coursework in the A.A.S. degree in Electronics Technology at STI can apply credit toward the Bachelor of Science degree in Electronics Engineering Technology at SDSU.
- Students who have completed coursework in the A.A.S. degree in Mechatronics Technology at STI can apply credit toward the Bachelor of Science degree in Electronics Engineering Technology at SDSU.

Board staff recommend approval.

## **ATTACHMENTS**

[Attachment I](#) – Articulation Agreement: SDSU and Ridgewater College (AAS to BS Ag Science Major)

[Attachment II](#) – Articulation Agreement: SDSU and South Dakota Department of Social Services – Division of Child Care

[Attachment III](#) – Articulation Agreement: SDSU and Ridgewater College (Diploma to BS Ag Science Major)

[Attachment IV](#) – Articulation Agreement: SDSU and LATI (with Track Changes)

[Attachment V](#) – Articulation Agreements: SDSU and LATI / MTI / STI (revised preexisting agreements)

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

with Respect to Applying the

### Associate of Applied Science Degree Program in:

Agri Business  
Dairy Management  
Farm Operation and Management  
GPS/GIS Technology for Agriculture

Towards the

### Bachelor of Science Degree Program Agricultural Science Major

Between

RIDGEWATER COLLEGE

and

SOUTH DAKOTA STATE UNIVERSITY (SDSU)

#### I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings, SD and Ridgewater College, Willmar, MN.

#### II. Purpose

The purpose of this agreement is to:

- A. have a signed agreement that addresses the varying needs of students and complementary nature of the institutions' programs;
- B. provide increased educational opportunities for students from the region;
- C. extend and clarify educational opportunities for students; and
- D. provide Ridgewater College students who have completed the A.A.S. degree in Agri Business, Dairy Management, Farm Operation and Management, or GPS/GIS Technology for Agriculture an opportunity to earn a Bachelor of Science degree with a major in Agricultural Science.

#### III. Academic Program

- A. Upon successful completion of the major requirements specified below, SDSU will accept 60 course credits from the Ridgewater A.A.S. degree towards the SDSU B.S. degree with a major in Agricultural Science. Students must successfully complete the A.A.S. degree in Agri Business, Dairy Management, Farm Operation and Management, or GPS/GIS Technology in Agriculture from Ridgewater College prior to transferring to SDSU in order for this agreement to apply. Students must meet all South Dakota Board of Regents policies and university graduation requirements in order to receive a Bachelor of Science degree.
- B. Requirements to be completed at SDSU to earn a Bachelor of Science degree with a major in Agricultural Science are outlined below.

Note: Ridgewater College courses are listed in *italics* font, whereas SDSU courses are listed in normal font.

System General Education Graduation Requirements (SGR): minimum 31 credits required of which 9 credits are required within the A.A.S. at Ridgewater College. If any of the requirements noted below as “met at Ridgewater College” are not completed at Ridgewater College, then the student will need to complete those requirements at SDSU or by transfer of approved equivalent courses.

1. Goal #1: Written Communication:
  - a. ENGL 101, Composition I (3 credits, met at Ridgewater by *ENGL 121, College Composition I*)
  - b. ENGL 201, Composition II (3 credits, met at Ridgewater by *ENGL 122, College Composition II*)
2. Goal #2: Oral Communication: (3 credits, met at Ridgewater by *CMST 121 Introduction to Communication* or *CMST 220, Public Speaking*)
3. Goal #3: Social Sciences/Diversity. Must complete 6 credits in 2 disciplines from the approved list in SDSU Bulletin.
  - a. ECON 201 or ECON 202 (3 credits)
  - b. Additional course with non-ECON prefix from approved list
4. Goal #4: Arts and Humanities/Diversity (6 credits from 2 disciplines from list in SDSU Bulletin)
5. Goal #5: Mathematics: Math 102, College Algebra, or Math 115 Precalculus, or higher (3 credits, could be met at Ridgewater with *MATH 112, College Algebra*).
6. Goal #6: Natural Sciences.
  - a. BIOL 101-101L, Biology Survey I and Lab (3 credits)
  - b. CHEM 106-106L, Chemistry Survey and Lab (4 credits)

Major and Support Course Requirements:

1. BIOL 103-103L, Biology Survey II and Lab, or BOT 201-201L General Botany and Lab (3 credits)
2. ACCT 210, Accounting (3 credits) or STAT 281 Introduction to Statistics (3 credits)
3. AS 101-101L Introduction to Animal Science and Lab (4 credits) or DS 130-130L Introduction to Dairy Science and Lab (3 credits). This requirement could be met at Ridgewater by elective course *AGRI 1810 Introductory Animal Science*.
4. AS 218, Survey of Animal Nutrition (could be met at Ridgewater College with *AGRI 1820, Animal Nutrition*).
5. Select One:
  - a. AS 332, Livestock Breeding and Genetics (4 credits)
  - b. BIOL 371, Genetics (3 credits)
  - c. PS 383-383L, Principles of Crop Improvement and Lab (3 credits)
6. Ag Product Elective. Select One:
  - a. AS 241-241L, Introduction to Meat Science and Lab (3 credits)
  - b. AS 285-285L, Livestock Evaluation and Marketing (4 credits)
  - c. DS 231, Dairy Foods (3 credits)
  - d. FS 101, Introduction to Food Science (3 credits)
  - e. HO 231, Greenhouse Crop Production (3 credits)
  - f. PS 308-308L, Grain Grading and Lab (3 credits)
  - g. PS 312, Grain and Seed Production and Processing (3 credits)
  - h. PS 403-403L, Seed Technology and Lab (3 credits)
7. Business Elective. Choose one of the following (3 credits):
  - a. BADM 360, Organization and Management (3 credits)
  - b. BLAW 350, Legal Environment of Business (3 credits)
  - c. FIN 280, Personal Finance (3 credits)
  - d. MGMT 334, Small Business Management (3 credits)

- e. MKTG 474, Personal Selling (3 credits)
- 8. Capstone Elective. Choose one of the following (2-4 credits):
  - a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 credits)
  - b. ABS 494, Internship (2 credits)
  - c. AGECE 471, Advanced Farm and Ranch Management (3 credits)
  - d. AS 389, Current Issues in Animal Science (3 credits)
  - e. DS 480-480L, Dairy Farm Operations I and Lab (4 credits)
  - f. DS 481-481L, Dairy Farm Operations II and Lab (4 credits)
  - g. HO 434, Local Food Production (2 credits)
  - h. HO 435, Local Food Production: Harvest and Storage (2 credits)
  - i. PRAG 440-440L, Crop Management with Precision Farming and Lab (3 credits)
  - j. RANG 374-374L, Natural Resource Habitat Conservation, Management, and Restoration and Lab (4 credits)
  - k. RANG 485-485L, Advanced Integrated Ranch Management and Lab (3 credits)
- 9. Program Electives as needed to reach 60 credits total from SDSU (could include up to 30 credits from other 4-year institutions) and 120 credits total needed for graduation.
- 10. At least 20 credits must be from 300-level or greater courses.

**Total minimum number of credits at SDSU: 60 \*\*\***

**Transfer credits from Ridgewater College: 60**

**Total credits required: 120**

\*\*\* Additional transferable general education course credits could be completed at Ridgewater College, which could reduce the number of general education credits at SDSU. However, no more than 60 credits total from Ridgewater College can be applied to the 120-credit total requirement for the B.S. in Agricultural Science at SDSU. Transfer credits from other 4-year institutions could reduce the number of credits from SDSU, but at least 30 credits must be from SDSU.

Additional requirements:

Students transferring from Ridgewater College must have a cumulative GPA of "C" (2.0 on a 4.0 scale). Any course taken at Ridgewater College with a grade below a "C" (2.0 on a 4.0 scale) must be retaken at SDSU if required for the SDSU Agricultural Science Major.

#### **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 Ridgewater 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 2018 semester term at Ridgewater College and SDSU. The agreement applies to students who graduated from Ridgewater College within the last 10 years immediately prior to application and admission into SDSU.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_  
Date:

Dr. Donald Marshall  
Interim Dean, College of Agriculture and Biological Sciences

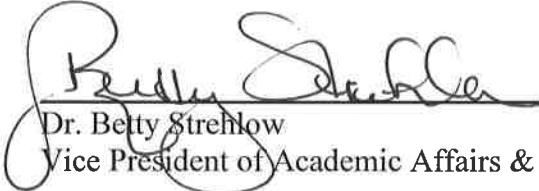
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Date:

Dr. Dennis Hedge  
Provost and Vice President for Academic Affairs

\_\_\_\_\_  
Date:

Dr. Mike Rush  
Executive Director, South Dakota Board of Regents

For Ridgewater College:

 \_\_\_\_\_ Date: 10-30-17  
Dr. Betty Strehlow  
Vice President of Academic Affairs & Student Services

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Agreement with Respect to Applying the  
**Child Development Associates Credential**  
 Towards the  
**Early Childhood Education Major**  
**(Birth to Age 8 Specialization)**  
**Bachelor of Science Degree Program**

Between  
 South Dakota Department of Social Services  
 Division of Child Care  
 and  
 South Dakota State University

### I. Parties

The parties to this agreement are the South Dakota Department of Social Services - Division of Child Care 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 complimentary nature of the programs;
- B. provide increased educational opportunities for students from South Dakota;
- C. extend and clarify educational opportunities for students; and
- D. provide students who have completed the Child Development Associates Credential an opportunity to earn a Bachelor of Science degree with a major in Early Childhood Education: Birth to Age 8.

### III. Academic Program

A. Upon successful completion of the major requirements specified below, SDSU will accept completion of the CDA credential as **11** SDSU credits for students majoring in Early Childhood Education: Birth to Age 8. Students must successfully complete the CDA credential prior to transferring to SDSU. Students must meet all Board of Regents policies and university graduation requirements to receive a degree.

B. Courses accepted from CDA into Early Childhood Education: Birth to Age 8 are listed below.

SDCDA 110 Orientation to the Early Childhood Profession (15 hours) & SDCDA 110 Orientation to the Early Childhood Profession (Supplemental 5 hours) = ECE 150/ECE 150L Early Experience (2 credits)



SDCDA 120 Health, Safety and Nutrition (20 hours) & SDCDA 120 Health, Safety and Nutrition (Supplemental 10 hours) = ECE 220 Health, Safety and Nutrition for Young Children (3 credits)

SDCDA 200 Child Development & Planning (45 hours) & SDCDA 200 Child Development & Planning (Supplemental 15 hours) = ECE 240 Child Development I: Prenatal to 2 (3 credits)

SDCDA 240 Partnerships with Parents (15 hours) & SDCDA 220 Partnerships with Parents (Supplemental 15 hours) = HDFS 241 Family Relations (3 credits)

All other courses on the plan of study are to be completed at SDSU to earn a Bachelor of Science degree with a major in Early Childhood Education: Birth to Age 8 are outlined below.

### **Degree Requirements:**

#### **System General Education Requirements (31)**

##### **SGR Goal 1 Written Communication (6 credits)**

ENGL 101 Composition I (3)

ENGL 201 Composition II (3)

##### **SGR Goal 2 Oral Communication (3 credits)**

SPCM 101 Fundamentals of Speech (3)

##### **SGR Goal 3 Social Sciences/Diversity (2 Disciplines, 6 credits)**

HDFS 210 Lifespan Development (3)

PSYC 101 General Psychology (3)

##### **SGR Goal 4 Humanities and Arts/Diversity (2 Disciplines, 6 credits)**

ENGL 240 Juvenile Literature (3)

SGR #4 Humanities/Arts Diversity (3)

##### **SGR Goal 5 Mathematics (3 credits)**

MATH 102 College Algebra (3)

##### **SGR Goal 6 Natural Sciences (7 credits)**

GEOG 131/L OR GEOG 132/L Physical Geography: Weather & Climate and Lab OR Physical Geography: Natural Landscapes and Lab (4)

#### **College of Education & Human Sciences Requirements (2)**

EHS 309 Interdisciplinary Group Processes (2)

#### **Major Requirements (58)**

ECE 196 Field Experience (1)

ECE 241 Child Development II: 3 to 8 Years (3)

ECE 296 Field Experience (2)

ECE 320	Pedagogy and Curriculum (3)
ECE 321	Learner- Centered Assessment (3)
ECE 322	Contemporary Curriculum Perspectives (3)
ECE 325	Inclusion and the Diverse Learner (3)
ECE 360	Play and Inquiry (3)
ECE 412	Kindergarten Education (2)
ECE 441	Professional Issues in ECE (2)
ECE 455	Administration and Supervision of Early Childhood Settings (3)
ECE 466	Literacy in ECE (3)
ECE 470	Early Childhood Inclusion Strategies (3)
ECE 471	Reading Diagnostics (3)
ECE 475	Pedagogy and Guidance in ECE (3)
ECE 488	Student Teaching (PreK - K) (6)
ECE 488	Student Teaching (K-3) (8)
ECE 495	Practicum (Kindergarten) (1)
ECE 495	Practicum (Early Childhood Special Ed) (3)

#### **Other Coursework (18)**

AIS 211	SD American Indian Culture and Education (3)
EDFN 475	Human Relations (3)
EPSY 201	The Science of Learning (3)
MATH 245	Mathematics for Primary Grades I (3)
MATH 345	Mathematics for Primary Grades II (3)
PHYS 101/L OR CHEM 106/L OR PHYS 185/L	Survey of Physics & Lab (4) OR Chemistry Survey & Lab (3,1) OR Introduction to Astronomy & Lab (3)

**Total number of credits at SDSU: 109**

**Transfer credits from CDA: 11**

**Total credits Required: 120**

#### Additional requirements:

1. The CDA courses must be from an approved SDCDA training program as confirmed by the State of SD Department of Social Service –Division of Child Care.
2. The student must successfully complete the program and receive the CDA credential from the national council. Only students who have completed the entire program are eligible to receive SDSU credit.
3. Students must apply as a degree seeking student at SDSU in the Early Childhood Education program and provide a copy of their CDA credential to be granted credit for the courses. Proof of credential needs to be submitted to the College of Education and Human Sciences, Student Services Coordinator, Wagner Hall 243.

#### **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 SDDSS. 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**

Start Date of Fall 2018 term at SDSU. The agreement applies to students who completed the CDA credential in 2018 and subsequent years.

**VIII. Acceptance of Agreement  
For South Dakota State University**

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Dean, Education and Human Sciences

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Provost and Vice President for Academic Affairs

**For South Dakota Department of Social Services  
Division of Child Care**

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Director of Licensing

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

with Respect to Applying the

**Diploma in:**  
 Agri-Business  
 Agronomy Technology  
 Dairy Management  
 Farm Operation and Management  
 GPS/GIS Technology for Agriculture

Towards the  
**Bachelor of Science Degree Program**  
 Agricultural Science Major

Between  
 RIDGEWATER COLLEGE  
 and  
 SOUTH DAKOTA STATE UNIVERSITY (SDSU)

### I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings, SD and Ridgewater College, Willmar, MN.

### II. Purpose

The purpose of this agreement is to:

- A. have a signed agreement that addresses the varying needs of students and complementary nature of the institutions' programs;
- B. provide increased educational opportunities for students from the region;
- C. extend and clarify educational opportunities for students; and
- D. provide Ridgewater College students who have completed the Diploma in Agri-Business, Agronomy Technology, Dairy Management, Farm Operation and Management, or GPS/GIS Technology for Agriculture an opportunity to earn a Bachelor of Science degree with a major in Agricultural Science.

### III. Academic Program

- A. Upon successful completion of the major requirements specified below, SDSU will accept 45 course credits from the Ridgewater Diploma degree towards the SDSU B.S. degree with a major in Agricultural Science. Students must successfully complete the Diploma degree from Ridgewater College prior to transferring to SDSU in order for this agreement to apply. Students must meet all South Dakota Board of Regents policies and university graduation requirements to receive a Bachelor of Science degree.
- B. Requirements to be completed at SDSU to earn a Bachelor of Science degree with a major in Agricultural Science are outlined below.

Note: Ridgewater College courses are listed in *italics* font, whereas SDSU courses are listed in normal font.

System General Education Graduation Requirements (SGR): Minimum of 31 required. If any of the requirements noted below as “met at Ridgewater College” are not completed at Ridgewater College, then the student will need to complete those requirements at SDSU or by transfer of approved equivalent courses.

1. Goal #1: Written Communication:
  - a. ENGL 101, Composition I (3 credits, met at Ridgewater by *ENGL 121, College Composition I*)
  - b. ENGL 201, Composition II (3 credits, met at Ridgewater by *ENGL 122, College Composition II*)
2. Goal #2: Oral Communication: (3 credits, met at Ridgewater by *CMST 121 Introduction to Communication* or *CMST 220, Public Speaking*)
3. Goal #3: Social Sciences/Diversity. Must complete 6 credits in 2 disciplines from the approved list in SDSU Bulletin.
  - a. ECON 201 or ECON 202 (3 credits)
  - b. Additional course with non-ECON prefix from approved list
4. Goal #4: Arts and Humanities/Diversity (6 credits from 2 disciplines from list in SDSU Bulletin)
5. Goal #5: Mathematics: Math 102, College Algebra, or higher (3 credits, could be met at Ridgewater with *MATH 112, College Algebra*).
6. Goal #6: Natural Sciences.
  - a. BIOL 101-101L, Biology Survey I and Lab (3 credits)
  - b. CHEM 106-106L, Chemistry Survey and Lab (4 credits)

Major and Support Course Requirements:

1. BIOL 103-103L, Biology Survey II and Lab, or BOT 201-201L General Botany and Lab (3 credits)
2. ACCT 210, Accounting (3 credits) or STAT 281 Introduction to Statistics (3 credits)
3. AS 101-101L Introduction to Animal Science and Lab (4 credits) or DS 130-130L Introduction to Dairy Science and Lab (3 credits). This requirement could be met at Ridgewater by elective course *AGRI 1810 Introductory Animal Science*.
4. AS 218, Survey of Animal Nutrition (3 credits) (could be met at Ridgewater College with *AGRI 1820, Animal Nutrition*).
5. Select One:
  - a. AS 332, Livestock Breeding and Genetics (4 credits)
  - b. BIOL 371, Genetics (3 credits)
  - c. PS 383-383L, Principles of Crop Improvement and Lab (3 credits)
6. Ag Product Elective. Select One:
  - a. AS 241-241L, Introduction to Meat Science and Lab (3 credits)
  - b. AS 285-285L, Livestock Evaluation and Marketing (4 credits)
  - c. DS 231, Dairy Foods (3 credits)
  - d. FS 101, Introduction to Food Science (3 credits)
  - e. HO 231, Greenhouse Crop Production (3 credits)
  - f. PS 308-308L, Grain Grading and Lab (3 credits)
  - g. PS 312, Grain and Seed Production and Processing (3 credits)
  - h. PS 403-403L, Seed Technology and Lab (3 credits)
7. Business Elective. Choose one of the following (3 credits):
  - a. BADM 360, Organization and Management (3 credits)
  - b. BLAW 350, Legal Environment of Business (3 credits)
  - c. FIN 280, Personal Finance (3 credits)
  - d. MGMT 334, Small Business Management (3 credits)
  - e. MKTG 474, Personal Selling (3 credits)
8. Capstone Elective. Choose one of the following (2-4 credits):
  - a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 credits)

- b. ABS 494, Internship (2 credits)
  - c. AGE 471, Advanced Farm and Ranch Management (3 credits)
  - d. AS 389, Current Issues in Animal Science (3 credits)
  - e. DS 480-480L, Dairy Farm Operations I and Lab (4 credits)
  - f. DS 481-481L, Dairy Farm Operations II and Lab (4 credits)
  - g. HO 434, Local Food Production (2 credits)
  - h. HO 435, Local Food Production: Harvest and Storage (2 credits)
  - i. PRAG 440-440L, Crop Management with Precision Farming and Lab (3 credits)
  - j. RANG 374-374L, Natural Resource Habitat Conservation, Management, and Restoration and Lab (4 credits)
  - k. RANG 485-485L, Advanced Integrated Ranch Management and Lab (3 credits)
9. Program Electives as needed to reach 75 credits total from SDSU (could include up to 30 credits from other 4-year institutions) and 120 credits total needed for graduation.
10. At least 20 credits must be from 300-level or greater courses.

**Total minimum number of credits at SDSU: 75 \*\*\***

**Transfer credits from Ridgewater College: 45**

**Total credits required: 120**

\*\*\* Additional transferable general education course credits could be completed at Ridgewater College, which could reduce the number of general education credits at SDSU. However, no more than 60 credits total from Ridgewater College can be applied to the 120-credit total requirement for the B.S. in Agricultural Science at SDSU. Transfer credits from other 4-year institutions could reduce the number of credits from SDSU, but at least 30 credits must be from SDSU.

Additional requirements:

Students transferring from Ridgewater College must have a cumulative GPA of "C" (2.0 on a 4.0 scale). Any course taken at Ridgewater College with a grade below a "C" (2.0 on a 4.0 scale) must be retaken at SDSU if required for the SDSU Agricultural Science Major.

#### **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 Ridgewater 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 2018 semester term at Ridgewater College and SDSU.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_  
Date: \_\_\_\_\_  
Dean, College of Agriculture and Biological Sciences

\_\_\_\_\_  
Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_  
Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Ridgewater College:

\_\_\_\_\_  
Date: \_\_\_\_\_  
Vice President of Academic Affairs & Student Services

## 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

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### 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

Graduation Requirements for the B.S.CM degree at SDSU:

Construction Management requirements:	56
General Education (SGR) credits:	30
Block Transfer credits from LATI Building Trades Technology:	34
<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 Building Trades Technology for students majoring in Construction Management. Students must successfully complete the A.A.S. degree prior to transferring to SDSU for the technical course credits to be accepted. *Transferrable general education coursework taken at LATI 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 Construction Management are outlined below.

Major requirements: 27 credits

1. CM 210/210L, Construction Surveying & Lab (3 credits)
2. CM 320/320L, Construction Soil Mechanics & Lab (3 credits)
3. CM 353, Construction Structures (3 credits)
4. CM 374, Heavy Construction Methods and Systems (3 credits)
5. CM 400, Risk Management and Construction Safety (3 credits)
6. CM 410, Construction Project Management and Supervision (3 credits)
7. CM 443, Construction Planning and Scheduling (3 credits)
8. CM 471, Capstone Experience (2 credits)
9. CM 473, Construction Law & Accounting (3 credits)
10. CM 490, Seminar (1 credit)

Required Support Courses: 29 credits

1. ACCT 210, Principles of Accounting (3 credits)
2. ACCT 211, Principles of Accounting (3 credits)
3. BADM 360, Organization and Management (3 credits)
4. CSC 325, Management Information Systems (3 credits)
5. FIN 310, Business Finance (3 credits)
6. GE 231, Technology Society & Ethics (3 credits)
7. HRM 460, Human Resource Management OR  
LEAD 435 Organizational Leadership & Team Development (3 credits)
8. MATH 121/121L, Survey of Calculus and Lab (5 credits)
9. 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 LATI if equivalent courses are available.** Please note that BOR Policy 2.5.132 states: “Total transfer credit for work at a ~~junior, community college (2-year), and/or~~ 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 BSCM program, that number is 60 credits.*

General Education/~~Institutional Graduation~~ Requirement 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include CHEM 106/106L Chemistry Survey (SGR 6) (4 credits) [2 credits count toward the CM major – applied to block transfer]

The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog. ~~BOR policy 2-7.~~

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

**Transfer credits from LATI: 34\***

**Total credits required: 120**

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

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. Effective Date of Agreement**

This agreement will go into effect at the start of the Fall 201~~8~~7 semester term at LATI and SDSU. The agreement applies to students who graduated from LATI in 2005 and subsequent years.

**VII. Acceptance of Agreement:**

For South Dakota State University:

Date: \_\_\_\_\_

Dean, Jerome J. Lohr College of Engineering

Date: \_\_\_\_\_

Dennis Hedge  
Provost and Vice President for Academic Affairs

Date: \_\_\_\_\_

Michael G. Rush  
Executive Director, South Dakota Board of Regents

For Lake Area Technical Institute:

Date: \_\_\_\_\_

Michael Cartney  
President, Lake Area Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

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

### 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

Graduation Requirements for the B.S.CM degree at SDSU:

Construction Management requirements:	56
General Education (SGR) credits:	30
Block Transfer credits from LATI Building Trades Technology:	34
<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 Building Trades Technology for students majoring in Construction Management. Students must successfully complete the A.A.S. degree prior to transferring to SDSU for the technical course credits to be accepted. *Transferrable general education coursework taken at LATI 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 Construction Management are outlined below.

Major requirements: 27 credits

1. CM 210/210L, Construction Surveying & Lab (3 credits)
2. CM 320/320L, Construction Soil Mechanics & Lab (3 credits)
3. CM 353, Construction Structures (3 credits)
4. CM 374, Heavy Construction Methods and Systems (3 credits)
5. CM 400, Risk Management and Construction Safety (3 credits)
6. CM 410, Construction Project Management and Supervision (3 credits)
7. CM 443, Construction Planning and Scheduling (3 credits)
8. CM 471, Capstone Experience (2 credits)
9. CM 473, Construction Law & Accounting (3 credits)
10. CM 490, Seminar (1 credit)

Required Support Courses: 29 credits

1. ACCT 210, Principles of Accounting (3 credits)
2. ACCT 211, Principles of Accounting (3 credits)
3. BADM 360, Organization and Management (3 credits)
4. CSC 325, Management Information Systems (3 credits)
5. FIN 310, Business Finance (3 credits)
6. GE 231, Technology Society & Ethics (3 credits)
7. HRM 460, Human Resource Management OR  
LEAD 435 Organizational Leadership & Team Development (3 credits)
8. MATH 121/121L, Survey of Calculus and 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) must also be completed as outlined below. **This coursework may be taken at LATI 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 BSCM program, that number is 60 credits.*

General Education Requirement 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include CHEM 106/106L Chemistry Survey (SGR 6) (4 credits) [2 credits count toward the CM major – applied to block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

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

**Transfer credits from LATI: 34\***

**Total credits required: 120**

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

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).

**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. 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 2018 semester term at LATI and SDSU. The agreement applies to students who graduated from LATI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Lake Area Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Lake Area Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Electronic Systems Technology**  
**Associate of Applied Sciences Degree Program at LATI**  
Toward the  
**Electronics Engineering Technology**  
**Bachelor of Science Degree Program at SDSU**

---

### I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings SD and Lake Area Technical Institute (LATI), 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 LATI students who have completed the A.A.S. degree in Electronic Systems Technology an opportunity to earn a B.S. degree with a major in Electronics Engineering Technology at SDSU.

### III. Academic Program

Graduation Requirements for the B.S. EET degree at SDSU:

Electronics Engineering Technology requirements:	51
General Education (SGR) credits:	30
Block Transfer credits from LATI EST:	39
<b>Total Credits Required:</b>	<b>120</b>

- A. Upon successful completion of the major requirements specified in III.B. below, SDSU will accept **39 technical course credits** from the A.A.S. degree in Electronic Systems Technology for students majoring in Electronics Engineering Technology. 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 LATI is in addition to the 39 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 Electronics Engineering Technology are outlined here.

Major requirements: 12 credits

1. ET 325/L, Advanced Analog Electronics & Lab (4 credits)
2. ET 345/L, Power Systems & Lab (3 credits)
3. ET 426/L, Communication Systems & Lab (3 credits)
4. ET 471, Capstone Experience (2 credits)

Required Support Courses: 39 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 231, Technology Society & Ethics (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. MNET 367/L, Production Strategy & Lab (3 credits)
10. OM 462, Quality Management (3 credits)
11. OM 469, Project Management (2 credits)
12. OM 494, Internship (2 credits)
13. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at LATI 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 BSEET 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include PHYS 113/L, Introduction to Physics II & Lab (SGR 6) (4 credits) [2 credits count toward EET major – applied to block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses in the SDSU Catalog.

**Total number of credits at SDSU: 81**

**Transfer credits from LATI: 39\***

**Total credits required: 120**

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

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).

**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 Institute. 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 2018 semester term at LATI and SDSU. The agreement applies to students who graduated from LATI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Lake Area Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Lake Area Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Electronic Systems Technology**  
**Associate of Applied Sciences Degree Program at LATI**  
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 Lake Area Technical Institute (LATI), 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 LATI students who have completed the A.A.S. degree in Electronic Systems Technology an opportunity to earn a B.S. degree with a major in Operations Management.

### III. Academic Program

Graduation Requirements for the B.S. OM degree at SDSU:

Operations Management requirements:	49
General Education (SGR) credits:	30
Block Transfer credits from LATI EST:	41
<b>Total Credits Required:</b>	<b>120</b>

- A. Upon successful completion of the major requirements specified in III.B. below, SDSU will accept **41 technical course credits** from the A.A.S. degree in Electronic Systems 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 LATI is in addition to the 41 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 here.

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, Capstone Experience (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 OF  
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) must also be completed as outlined below. ***This coursework may be taken at LATI 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 102, College Algebra (SGR 5) (3 credits)
6. Must include CHEM 106/106L Chemistry Survey (4 credits) [2 credits count toward OM major – applied to block transfer]
7. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 79**

**Transfer credits from LATI: 41\***

**Total credits required: 120**

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

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).

**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 Institute. 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 2018 semester term at LATI and SDSU. The agreement applies to students who graduated from LATI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Lake Area Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Lake Area Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Precision Machining**  
**Associate of Applied Sciences Degree Program at LATI**  
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 Lake Area Technical Institute (LATI), 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 LATI 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 LATI 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 LATI 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 102, 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.The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 84**

**Transfer credits from LATI: 36\***

**Total credits required: 120**

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

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).

**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 Institute. 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 2018 semester term at LATI and SDSU. The agreement applies to students who graduated from LATI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Lake Area Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Lake Area Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Robotics**  
**Associate of Applied Sciences Degree Program at LATI**  
Toward the  
**Electronics Engineering Technology**  
**Bachelor of Science Degree Program at SDSU**

---

### I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings SD and Lake Area Technical Institute (LATI), 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 LATI students who have completed the A.A.S. degree in Robotics an opportunity to earn a B.S. degree with a major in Electronics Engineering Technology.

### III. Academic Program

Graduation Requirements for the B.S. EET degree at SDSU:

Electronics Engineering Technology requirements:	51
General Education (SGR) credits:	30
Block Transfer credits from LATI Robotics:	39
<b>Total Credits Required:</b>	<b>120</b>

- A. Upon successful completion of the major requirements specified in III.B. below, SDSU will accept **39 technical course credits** from the A.A.S. degree in Robotics for students majoring in Electronics Engineering Technology. 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 39 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 Electronics Engineering Technology are outlined here.

Major requirements: 12 credits

1. ET 325/L, Advanced Analog Electronics & Lab (4 credits)
2. ET 380/L, Circuit Boards & Design & Lab (3 credits)
3. ET 426/L, Communication Systems & Lab (3 credits)
4. ET 471, Capstone Experience (2 credits)

Required Support Courses: 39 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 231, Technology Society & Ethics (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. MNET 367/L, Production Strategy & Lab (3 credits)
10. OM 462, Quality Management (3 credits)
11. OM 469, Project Management (2 credits)
12. OM 494, Internship (2 credits)
13. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at LATI 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 BSEET 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include PHYS 113/L, Introduction to Physics II & Lab (SGR 6) (4 credits)  
[2 credits count toward EET major – applied to block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 81**

**Transfer credits from LATI: 39\***

**Total credits required: 120**

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

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).

**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 Institute. 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 2018 semester term at LATI and SDSU. The agreement applies to students who graduated from LATI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Lake Area Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Lake Area Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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Agreement with Respect to Applying the  
**Robotics**  
**Associate of Applied Sciences Degree Program at LATI**  
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 Institute (LATI), 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 LATI students who have completed the A.A.S. degree in Robotics 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:	55
General Education (SGR & IGR) credits:	30
<u>Block Transfer credits from LATI Robotics:</u>	<u>35</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 **35 technical course credits** from the A.A.S. degree in Robotics 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 35 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: 26 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, Capstone Experience (2 credits)
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 LATI 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 102, 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. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 85**

**Transfer credits from LATI: 35\***

**Total credits required: 120**

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

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).

**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 Institute. 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 2018 semester term at LATI and SDSU. The agreement applies to students who graduated from LATI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Lake Area Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Lake Area Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
MITCHELL TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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Agreement with Respect to Applying the  
**ARCHITECTURAL DRAFTING & BUILDING CONSTRUCTION**  
**Associate of Applied Sciences Degree Program**  
Towards the  
**CONSTRUCTION MANAGEMENT MAJOR**  
**Bachelor of Science Degree Program**

### I. Parties

The parties to this agreement are Mitchell Technical Institute (MTI) 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 MTI students who have completed the A.A.S. degree in Architectural Design and Building Construction an opportunity to earn a Bachelor of Science degree with a major in Construction Management.

### III. Academic Program

Graduation Requirements for the BS in Construction Management at SDSU

Construction Management Major requirements:	59
General Education (SGR & IGR) credits:	30
<u>Block Transfer credits from MTI ADBC:</u>	<u>31</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 **31** technical course credits from the A.A.S. degree in Architectural Design and Building Construction for students majoring in Construction Management. Students must successfully complete the A.A.S. degree prior to transferring to SDSU for the technical course credits to be accepted. *Transferrable general education coursework taken at MTI is in addition to the 31 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 Construction Management are outlined below.

Major requirements: 30 credits

1. CM 210/210L, Construction Surveying and Lab (3 credits)
2. CM 320/320L, Construction Soil Mechanics and Lab (3 credits)
3. CM 333, Mechanical, Electrical, Plumbing Systems (3 credits)
4. CM 353, Construction Structures (3 credits)
5. CM 374, Heavy Construction Methods and Systems (3 credits)
6. CM 400, Risk Management and Construction Safety (3 credits)
7. CM 410, Construction Project Management and Supervision (3 credits)
8. CM 443, Construction Planning and Scheduling (3 credits)
9. CM 471, Capstone Experience (2 credits)
10. CM 473, Construction Law and Accounting (3 credits)
11. CM 490, Seminar (1 credit)

Required Support Courses: 29 credits

1. ACCT 210, Principles of Accounting (3 credits)
2. ACCT 211, Principles of Accounting (3 credits)
3. BADM 360, Organization and Management (3 credits)
4. CSC 325, Management Information Systems (3 credits)
5. FIN 310, Business Finance (3 credits)
6. GE 231, Technology Society & Ethics (3 credits)
7. HRM 460, Human Resource Management OR  
LEAD 435 Organizational Leadership & Team Development (3 credits)
8. MATH 121/121L, Survey of Calculus and 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) must also be completed as outlined below. **This coursework may be taken at MTI 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 BSCM program, that number is 60 credits.*

General Education Requirement 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include CHEM 106/106L Chemistry Survey (SGR 6) (4 credits) [2 credits count toward the CM major – applied to block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 89**

**Transfer credits from MTI: 31\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Mitchell 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).

**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 Mitchell Technical Institute. 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 2018 terms at MTI and SDSU. The agreement applies to students who graduated from MTI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Mitchell Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Mitchell Technical Institute

**PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Between  
MITCHELL TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Administrative Office Specialist**  
**Associate of Applied Sciences Degree Program**  
Towards the  
**Operations Management Program**  
**Bachelor of Science Degree Program**

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**I. Parties**

The parties to this agreement are Mitchell Technical Institute (MTI) 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 MTI students who have completed the A.A.S. degree in Administrative Office Specialist an opportunity to earn a Bachelor of Science degree with a major in Operations Management at SDSU.

**III. Academic Program**

Graduation Requirements for the B.S.OM degree at SDSU:

Operations Management requirements:	62
General Education (SGR) credits:	30
<u>Block Transfer credits from MTI AOS</u>	<u>28</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 **28 technical course credits** from the A.A.S. degree in Administrative Office Specialist 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 28 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: 30 credits

1. ET 210/L, Intro to Electronic Systems & Lab (4 credits)
2. ET 451/L, Industrial Controls & PLCs & Lab (3 credits)
3. MNET 367/L, Production Strategy & Lab (3 credits)
4. OM 240, Decision Making Processes in Management (3 credits)
5. OM 425, Production & Operations Management (3 credits)
6. OM 462, Quality Control (3 credits)
7. OM 463, Supply Chain Management (3 credits)
8. OM 469, Project Management (2 credits)
9. OM 471, Capstone Experience (2 credits)
10. OM 494, Internship (3 credits)
11. OM 490, Seminar (1 credit)

Required Support Courses: 32 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 231, Technology Society & Ethics (3 credits)
7. GE 425, Occupational Safety & Health Management (3 credits)
8. HRM 460, Human Resource Management OR  
LEAD 435 Organizational Leadership & Team Development (3 credits)
9. MATH 121/L, Survey of Calculus & Lab (5 credits)
10. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at MTI 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include CHEM 106/L, Chemistry Survey & Lab (SGR 6) (4 credits)  
[2 credits count toward OM major – applied to the block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 92**

**Transfer credits from MTI: 28\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Mitchell 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).

**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 Mitchell Technical Institute. 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 2018 semester term at MTI and SDSU. The agreement applies to students who graduated from MTI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Mitchell Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Mitchell Technical Institute

**PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Between  
MITCHELL TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Automation Controls / SCADA**  
**Associate of Applied Sciences Degree Program**  
Towards the  
**Electronics Engineering Technology Program**  
**Bachelor of Science Degree Program**

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**I. Parties**

The parties to this agreement are Mitchell Technical Institute (MTI) 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 MTI students who have completed the A.A.S. degree in Automation Controls / SCADA an opportunity to earn a Bachelor of Science degree with a major in Electronics Engineering Technology at SDSU.

**III. Academic Program**

Graduation Requirements for the B.S. EET degree at SDSU:

Electronics Engineering Technology requirements:	55
General Education (SGR) credits:	30
<u>Block Transfer credits from MTI SCADA</u>	<u>35</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 **35 technical course credits** from the A.A.S. degree in Automation Controls / SCADA for students majoring in Electronics Engineering Technology. Students must successfully complete the A.A.S. degree in prior to transferring to SDSU for the block transfer course credits to be accepted. *General Education coursework is in addition to the 35 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 Electronics Engineering Technology are outlined below.

Major Requirements: 16 credits

1. ET 220/L, Analog Electronics & Lab (4 credits)
2. ET 325/L, Advanced Analog Electronics & Lab (4 credits)
3. ET 380/L, Circuit Boards & Design & Lab (3 credits)
4. ET 426/L, Communication Systems & Lab (3 credits)
5. ET 471, Capstone Experience (2 credits)

Required Support Courses: 39 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 231, Technology Society & Ethics (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. MNET 367/L, Production Strategy & Lab (3 credits)
10. OM 462, Quality Management (3 credits)
11. OM 469, Project Management (2 credits)
12. OM 494, Internship (2 credits)
13. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at MTI 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 BSEET 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include PHYS 113/113L, Introduction to Physics II & Lab (SGR 6) (4 credits)  
[2 credits count toward EET major – applied to the block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 85**

**Transfer credits from MTI: 35\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Mitchell 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).

**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 Mitchell Technical Institute. 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 2018 semester term at MTI and SDSU. The agreement applies to students who graduated from MTI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Mitchell Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Mitchell Technical Institute

**PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Between  
MITCHELL TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**TELECOMMUNICATIONS**  
**Associate of Applied Sciences Degree Program**  
Towards the  
**ELECTRONICS ENGINEERING TECHNOLOGY MAJOR**  
**Bachelor of Science Degree Program**

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**I. Parties**

The parties to this agreement are Mitchell Technical Institute (MTI) 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 MTI students who have completed the A.A.S. degree in Telecommunications an opportunity to earn a Bachelor of Science degree with a major in Electronics Engineering Technology at SDSU.

**III. Academic Program**

Graduation Requirements for the B.S. EET degree at SDSU:

Electronics Engineering Technology requirements:	56
General Education (SGR) credits:	30
<u>Block Transfer credits from MTI Telecom</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 Telecommunications for students majoring in Electronics Engineering Technology. Students must successfully complete the A.A.S. degree prior to transferring to SDSU for the technical 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 Electronics Engineering Technology are outlined below.



Major requirements: 17 credits

1. ET 325/L, Advanced Analog Devices & Lab (3 credits)
2. ET 330/L, Microcontrollers & Networks & Lab (3 credits)
3. ET 345/L, Power Systems & Lab (3 credits)
4. ET 380/L, Circuit Boards and Design & Lab (3 credits)
5. ET 451/L, Industrial Controls and PLCs & Lab (3 credits)
6. ET 471, Capstone Experience & Lab (2 credits)

Required Support Courses: 39 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 231, Technology Society & Ethics (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. MNET 367/L, Production Strategy & Lab (3 credits)
10. OM 462, Quality Management (3 credits)
11. OM 469, Project Management (2 credits)
12. OM 494, Internship (2 credits)
13. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at MTI 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 BSEET 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include PHYS 113/113L, Introduction to Physics II & Lab (SGR 6) (4 credits)  
[2 credits count toward EET major – applied to the block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

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

**Transfer credits from MTI: 34\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Mitchell 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).

**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 Mitchell Technical Institute. 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 2018 semester term at MTI and SDSU. The agreement applies to students who graduated from MTI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Mitchell Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Mitchell Technical Institute

**PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Between  
MITCHELL TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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Agreement with Respect to Applying the  
**Welding and Manufacturing Technology**  
**Associate of Applied Sciences Degree Program**  
Towards the  
**Operations Management Program**  
**Bachelor of Science Degree Program**

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**I. Parties**

The parties to this agreement are Mitchell Technical Institute (MTI) 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 MTI students who have completed the A.A.S. degree in Welding and Manufacturing Technology an opportunity to earn a Bachelor of Science degree with a major in Operations Management at SDSU.

**III. Academic Program**

Graduation Requirements for the B.S.OM degree at SDSU:

Operations Management requirements:	65
General Education (SGR) credits:	30
<u>Block Transfer credits from MTI WMT</u>	<u>25</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 **25 technical course credits** from the A.A.S. degree in Welding and Manufacturing 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. *General Education coursework is in addition to the 25 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: 33 credits

1. ET 210/L, Intro to Electronic Systems & Lab (4 credits)
2. ET 451/L, Industrial Controls & PLCs & Lab (3 credits)
3. MNET 367/L, Production Strategy & Lab (3 credits)
4. MNET 460, Manufacturing Cost Analysis (3 credits)
5. OM 240, Decision Making Processes in Management (3 credits)
6. OM 425, Production & Operations Management (3 credits)
7. OM 462, Quality Control (3 credits)
8. OM 463, Supply Chain Management (3 credits)
9. OM 469, Project Management (2 credits)
10. OM 471, Capstone Experience (2 credits)
11. OM 490, Seminar (1 credit)
12. OM 494, Internship (3 credits)

Required Support Courses: 32 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 231, Technology Society & Ethics (3 credits)
7. GE 425, Occupational Safety & Health Management (3 credits)
8. HRM 460, Human Resource Management OR  
LEAD 435 Organizational Leadership & Team Development (3 credits)
9. MATH 121/L, Survey of Calculus & Lab (5 credits)
10. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at MTI 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: 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 102, College Algebra (SGR 5) (3 credits)
6. Must include CHEM 106/L, Chemistry Survey & Lab (SGR 6) (4 credits)
7. Must include PHYS 111/L, Introduction to Physics I & Lab (SGR 6) (4 credits)  
[2 credits count toward OM major – applied to the block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 95**

**Transfer credits from MTI: 25\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Mitchell 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).

#### **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 Mitchell Technical Institute. 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 2018 semester term at MTI and SDSU. The agreement applies to students who graduated from MTI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Mitchell Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Mitchell Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
MITCHELL TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Wind Turbine Technology**  
**Associate of Applied Sciences Degree Program**  
Towards the  
**Electronics Engineering Technology Program**  
**Bachelor of Science Degree Program**

---

### I. Parties

The parties to this agreement are Mitchell Technical Institute (MTI) 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 MTI students who have completed the A.A.S. degree in Wind Turbine Technology an opportunity to earn a Bachelor of Science degree with a major in Electronics Engineering Technology at SDSU.

### III. Academic Program

Graduation Requirements for the B.S. EET degree at SDSU:

Electronics Engineering Technology requirements:	60
General Education (SGR) credits:	30
<u>Block Transfer credits from MTI WTT</u>	<u>30</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 **30 technical course credits** from the A.A.S. degree in Wind Turbine Technology for students majoring in Electronics Engineering Technology. 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 30 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 Electronics Engineering Technology are outlined below.

Major Requirements: 21 credits

1. ET 232/L, Digital Electronics and Microprocessors & Lab (3 credits)
2. ET 325/L, Advanced Analog Electronics & Lab (4 credits)
3. ET 330/L, Microcontrollers and Networks & Lab (3 credits)
4. ET 345/L, Power Systems & Lab (3 credits)
5. ET 380/L, Circuit Boards & Design & Lab (3 credits)
6. ET 426/L, Communication Systems & Lab (3 credits)
7. ET 471, Capstone Experience (2 credits)

Required Support Courses: 39 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 231, Technology Society & Ethics (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. MNET 367/L, Production Strategy & Lab (3 credits)
10. OM 462, Quality Management (3 credits)
11. OM 469, Project Management (2 credits)
12. OM 494, Internship (2 credits)
13. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at MTI 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 BSEET 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include PHYS 113/113L, Introduction to Physics II & Lab (SGR 6) (4 credits)  
[2 credits count toward EET major – applied to the block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 90**

**Transfer credits from MTI: 30\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Mitchell 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).

**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 Mitchell Technical Institute. 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 2018 semester term at MTI and SDSU. The agreement applies to students who graduated from MTI in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Mitchell Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Mitchell Technical Institute

**PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Between  
 SOUTHEAST TECHNICAL INSTITUTE  
 and  
 SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Business Administration**  
**Associate of Applied Sciences Degree Program**  
 Towards the  
**Operations Management Program**  
**Bachelor of Science Degree Program**

---

**I. Parties**

The parties to this agreement are Southeast Technical Institute (STI) 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 STI students who have completed the A.A.S. degree in Business Administration an opportunity to earn a Bachelor of Science degree with a major in Operations Management at SDSU.

**III. Academic Program**

Graduation Requirements for the B.S.OM degree at SDSU:

Operations Management requirements:	53
General Education (SGR) credits:	30
<u>Block Transfer credits from STI BA:</u>	<u>37</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 **37 technical course credits** from the A.A.S. degree in Business Administration 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 37 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: 23 credits

1. MNET 367/L, Production Strategy & Lab (3 credits)
2. OM 240, Decision Making Processes in Management (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 469, Project Management (2 credits)
7. OM 471, Capstone Experience (2 credits)
8. OM 490, Seminar (1 credit)
9. OM 494, Internship (3 credits)

Required Support Courses: 30 credits

1. BADM 360, Organization & Management (3 credits)
2. CSC 325, Management Information Systems (3 credits)
3. ET 210/L, Intro to Electronic Systems & Lab (4 credits)
4. ET 451/L, Industrial Controls & PLCs & Lab (3 credits)
5. GE 425, Occupational Safety & Health Management (3 credits)
6. HRM 460, Human Resource Management OR  
LEAD 435 Organizational Leadership & Team Development (3 credits)
7. MATH 121/L, Survey of Calculus & Lab (5 credits)
8. MNET 231/L, Manufacturing Processes I & Lab (3 credits)
9. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at STI 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include CHEM 106/L, Chemistry Survey & Lab (SGR 6) (4 credits)  
[2 credits count toward OM major – applied to the block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 83**

**Transfer credits from STI: 37\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Southeast 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).

**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 Technical Institute. 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 2018 semester term at STI and SDSU. The agreement applies to students who graduated from STI 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Southeast Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Southeast Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
SOUTHEAST TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Civil Engineering Technology**  
**Associate of Applied Sciences Degree Program at STI**  
Toward the  
**Construction 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 Technical Institute (STI), Sioux Falls 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 STI students who have completed the A.A.S. degree in Civil Engineering Technology an opportunity to earn a Bachelor of Science degree with a major in Construction Management at SDSU.

### III. Academic Program

Graduation Requirements for the BS in Construction Management at SDSU

Construction Management Major requirements:	50
General Education credits:	30
<u>Block Transfer credits from STI CET:</u>	<u>40</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 **40** technical course credits from the A.A.S. degree in Civil Engineering Technology for students majoring in Construction 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 40 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 Construction Management are outlined below.

Major requirements: 24 credits

1. CM 130, Management Tools & Analysis (3 credits)
2. CM 333, Mechanical, Electrical, Plumbing Systems (3 credits)
3. CM 353, Construction Structures (3 credits)
4. CM 400, Risk Management & Construction Safety (3 credits)
5. CM 410, Construction Project Management (3 credits)
6. CM 443, Construction Planning & Scheduling (3 credits)
7. CM 471, Capstone Experience (2 credits)
8. CM 473, Construction Law & Accounting (3 credits)
9. CM 490, Seminar (1 credit)

Required Support Courses: 26 credits

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

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. **This coursework may be taken at STI 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 BSCM program, that number is 60 credits.*

General Education Requirement 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include CHEM 106/106L Chemistry Survey (SGR 6) (4 credits) [2 credits count toward the CM major – applied to block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 80**

**Transfer credits from STI: 40\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Southeast 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).

**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 Technical Institute. 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 2018 semester term at STI and SDSU. The agreement applies to students who graduated from STI in 2007 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Southeast Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Southeast Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
SOUTHEAST TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

---

Agreement with Respect to Applying the  
**Construction Management Technology**  
**Associate of Applied Sciences Degree Program at STI**  
Toward the  
**Construction 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 Technical Institute (STI), Sioux Falls 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 STI students who have completed the A.A.S. degree in Construction Management Technology an opportunity to earn a Bachelor of Science degree with a major in Construction Management.

### III. Academic Program

Graduation Requirements for the BS in Construction Management at SDSU:

Construction Management Major requirements:	53
General Education credits:	30
<u>Block Transfer credits from STI CMT:</u>	<u>37</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 **37 technical course credits** from the A.A.S. degree in Construction Management Technology for students majoring in Construction 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 37 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 Construction Management are outlined below.

Major requirements: 27 credits

1. CM 130, Management Tools & Analysis (3 credits)
2. CM 320/L, Construction Soil Mechanics & Lab (3 credits)
3. CM 374, Heavy Construction Methods (3 credits)
4. CM 353, Construction Structures (3 credits)
5. CM 400, Risk Management & Construction Safety (3 credits)
6. CM 410, Construction Project Management (3 credits)
7. CM 443, Construction Planning & Scheduling (3 credits)
8. CM 471, Capstone Experience (2 credits)
9. CM 473, Construction Law & Accounting (3 credits)
10. CM 490, Seminar (1 credit)

Required Support Courses: 26 credits

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

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. **This coursework may be taken at STI 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 BSCM program, that number is 60 credits.*

General Education/Institutional Graduation Requirement 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include CHEM 106/106L Chemistry Survey (SGR 6) (4 credits) [*2 credits count toward the CM major – applied to block transfer*]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 83**

**Transfer credits from STI: 37\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Southeast 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).

**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 Technical Institute. 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 2018 semester term at STI and SDSU. The agreement applies to students who graduated from STI in 2007 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Southeast Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Southeast Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
SOUTHEAST TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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Agreement with Respect to Applying the  
**Electronics Technology**  
**Associate of Applied Sciences Degree Program at STI**  
Toward the  
**Electronics Engineering Technology**  
**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 Southeast Technical Institute (STI), Sioux Falls 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 STI students who have completed the A.A.S. degree in Electronics Technology an opportunity to earn a Bachelor of Science degree with a major in Electronics Engineering Technology at SDSU.

### III. Academic Program

Graduation requirements for the B.S. EET degree at SDSU:

Electronics Engineering Technology requirements:	54
General Education (SGR) credits:	30
<u>Block Transfer credits from STI Electronics Technology:</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 Electronics Technology for students majoring in Electronics Engineering Technology. 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 STI 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 Electronics Engineering Technology are outlined here.

Major requirements: 15 credits

1. ET 325/L, Advanced Analog Devices & Lab (4 credits)
2. ET 345/L, Power Systems & Lab (3 credits)
3. ET 330/L Microcontrollers and Networks & Lab (3 credits)
4. ET 380/L, Circuit Boards and Design & Lab (3 credits)
5. ET 471, Capstone Experience (2 credits)

Required Support Courses: 39 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 (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. MNET 367/L, Production Strategy & Lab (3 credits)
10. OM 462, Quality Management (3 credits)
11. OM 469, Project Management (2 credits)
12. OM 494, Internship (2 credits)
13. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at STI 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 BSEET 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include PHYS 113/113L, Introduction to Physics II & Lab (SGR 6) (4 credits) [2 credits count toward EET major – applied to block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 84**

**Transfer credits from STI: 36\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Southeast 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).

**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 Technical Institute. 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 2018 semester term at STI and SDSU. The agreement applies to students who graduated from STE in 2005 and subsequent years.

**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Southeast Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Southeast Technical Institute

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Between  
SOUTHEAST TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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Agreement with Respect to Applying the  
**Mechatronics Technology**  
**Associate of Applied Sciences Degree Program at STI**  
Toward the  
**Electronics Engineering Technology**  
**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 Southeast Technical Institute (STI), Sioux Falls 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 STI students who have completed the A.A.S. degree in Mechatronics Technology an opportunity to earn a Bachelor of Science degree with a major in Electronics Engineering Technology at SDSU.

### III. Academic Program

Graduation requirements for the B.S. EET degree at SDSU:

Electronics Engineering Technology requirements:	57
General Education (SGR) credits:	30
<u>Block Transfer credits from STI Mechatronics Technology:</u>	<u>33</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 **33 technical course credits** from the A.A.S. degree in Mechatronics Technology for students majoring in Electronics Engineering Technology. 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 STI is in addition to the 33 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 Electronics Engineering Technology are outlined here.

Major requirements: 18 credits

1. ET 325/L, Advanced Analog Devices & Lab (4 credits)
2. ET 330/L Microcontrollers and Networks & Lab (3 credits)
3. ET 332/L, Advanced Digital Devices & Lab (3 credits)
4. ET 380/L, Circuit Boards and Design & Lab (3 credits)
5. ET 426/L, Communication Systems & Lab (3 credits)
6. ET 471, Capstone Experience (2 credits)

Required Support Courses: 39 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 (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. MNET 367/L, Production Strategy & Lab (3 credits)
10. OM 462, Quality Management (3 credits)
11. OM 469, Project Management (2 credits)
12. OM 494, Internship (2 credits)
13. STAT 281, Introduction to Statistics (3 credits)

The general education coursework to meet South Dakota Regental System General Education Requirements (SGR) must also be completed as outlined below. ***This coursework may be taken at STI 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 BSEET 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 102, College Algebra (SGR 5) (3 credits)
6. Must include PHYS 111/111L, Introduction to Physics I & Lab (SGR 6) (4 credits)
7. Must include PHYS 113/113L, Introduction to Physics II & Lab (SGR 6) (4 credits) [2 credits count toward EET major – applied to block transfer]
8. The remaining nine (9) credits must meet SGR 3 Social Sciences/Diversity (3 credits) and SGR 4 Humanities and Arts/Diversity (6 credits) requirements and be selected from the approved list of courses specified in the SDSU Catalog.

**Total number of credits at SDSU: 87**

**Transfer credits from STI: 33\***

**Total credits required: 120**

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

Additional requirements:

1. Students transferring from Southeast 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).

**IV. Obligations**

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

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**VI. Effective Date of Agreement**

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**VII. Acceptance of Agreement**

For South Dakota State University:

\_\_\_\_\_ Date: \_\_\_\_\_  
Dean, Jerome J. Lohr College of Engineering

\_\_\_\_\_ Date: \_\_\_\_\_  
Provost and Vice President for Academic Affairs

\_\_\_\_\_ Date: \_\_\_\_\_  
Executive Director, South Dakota Board of Regents

For Southeast Technical Institute:

\_\_\_\_\_ Date: \_\_\_\_\_  
Southeast Technical Institute