

PROGRAM TO PROGRAM ARTICULATION AGREEMENT

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

Between
SOUTHEAST TECHNICAL INSTITUTE
and
SOUTH DAKOTA STATE UNIVERSITY

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 Electronics Technology an opportunity to earn a Bachelor of Science degree with a major in Electronics Engineering Technology.

III. Academic Program

- 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 Electronics Technology for students majoring in Electronics Engineering Technology. Students must successfully complete the A.A.S. degree in Electronics Technology from STI prior to transferring to SDSU for the technical 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 (including Emphasis Area selected from either *Computer Networking Emphasis OR Manufacturing and Industrial Automation Emphasis*):
44-46 credits

1. CSC 150, Computer Science I (3 credits)
 2. MNET 260, Principles of Production and Operations Mgt. (3 credits)
 3. EET 320/320L, Analog Devices and Lab (4 credits)
 4. EET 330/330L Microprocessors and Lab (4 credits)
 5. EET 370/370L, Computer Systems (4 credits)
 6. EET 440/440L, Prototyping Techniques and Lab (4 credits)
 7. EET 426/426L, Communication Systems and Lab (4 credits)
 8. EET 470/470L, Project Management and Lab (2 credits)
 9. EET 471/471L, Capstone Experience and Lab (1 credit)
 10. MNET 462, Quality Management (3 credits)
- EET 470/470L and EET 471/471L meet Writing Intensive requirement

Select one pair of courses: 6-8 credits

1. EET 472/472L, Networking I and Lab (4 credits)
 2. EET 474/474L, Networking II and Lab (4 credits)
- OR
3. EET 451/451L, Industrial Electronics and Lab (3 credits)
 4. EET 453/453L, Mfg. Automation and Lab (3 credits)
- OR
5. BADM 360, Organization and Management (3 credits)
 6. BADM 334, Small Business Management (3 credits)

Choose one Emphasis Area: 6 credits

Computer Networking Emphasis:

1. CSC 325, Management Information Systems (3 credits)
2. CSC 474, Computer Networks (3 credits)

OR

Manufacturing and Industrial Automation Emphasis:

1. MNET 334/334L, CAM/CNC and Lab (3 credits)
2. MNET 350/350L, Fluid Power Technology and Lab (3 credits)

Required Support Courses: 14 credits

1. GE 121, Engineering Design Graphics (1 credit)
2. GE 123, Computer Aided Drawing (1 credit)
3. MATH 121/121L, Survey of Calculus and Lab (5 credits)
4. PHYS 113/113L, Introduction to Physics II and Lab (4 credits)
5. STAT 281, Statistics (3 credits)

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

1. Must include ENGL 277, Technical Writing in Engineering (3 credits)
2. Must include MATH 115, Precalculus (5 credits)
3. Must include PHYS 111/111L, Introduction to Physics I and Lab (4 credits)
4. Must include ECON 202, Principles of Macroeconomics (3 credits)- meets globalization requirement
5. 23-24 remaining credits must meet System General Education requirements, Institutional Graduation requirements, Globalization requirement and Writing Intensive requirement and be selected from the approved list of courses specified in BOR policy 2:7. To fulfill the System General Education

Requirements, all students must pass the System Information Literacy Examination. Technical institute graduates must take the examination the first semester of enrollment at the university.

Electives: 0-2 credits

Total number of credits at SDSU: 98

Transfer credits from STI: 30*

Total credits required: 128

*Transferable general education courses can be completed at STI.

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).
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. In accordance with the Regental policy, students must sit for the exam during the semester in which they have completed 48 passed credit hours and must have completed a specified 18 credit hours of general education courses. To meet these requirements, the STI graduates must enroll in and pass the specified 18 credit hours of general education courses during the first two semesters of attendance 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 Southeast Technical Institute with approval by the South Dakota Board of Education. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare instances in which retroactive implementation of modifications may be required to comply with accreditation standards or to conform to professional licensure requirements.

VI. Incorporation of terms in master agreement

The parties have entered into the present agreement pursuant to the agreement of December 13, 2005 between the Sioux Falls Board of Education on behalf of Southeast Technical Institute and the South Dakota Board of Regents on behalf of Black Hills State University, Dakota State University, Northern State University, the South Dakota School of Mines and Technology, South Dakota State University, and the University of South

Dakota. This agreement shall be subject to all terms and conditions stated in the December 13, 2005 agreement.

VII. Effective Date of Agreement

Start Date of Fall 2006 Terms at STI and SDSU. The agreement applies to students who graduated from STI in 2000 and subsequent years.

VIII. Acceptance of Agreement


For South Dakota State University:

 Date: 06 Apr 06

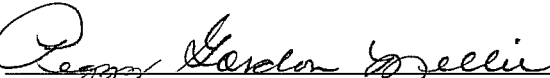
Dr. Teresa Hall
Department Head, Engineering Technology and Management

 Date: 4-5-06

Dr. Lewis Brown
Dean, College of Engineering

 Date: 4-10-06

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

 Date: 4/11/06

Dr. Peggy Gordon Miller
President, South Dakota State University

 Date: 4-12-06

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

 Date: 4/19/06

Mr. Harvey Jewett
President, South Dakota Board of Regents

For Southeast Technical Institute:

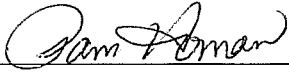
 Date: 5-3-06

Mrs. Debra Hunking
Assistant Director of Curriculum and Instruction



Mr. Jeffrey Holcomb
Director, Southeast Technical Institute

Date: 5-4-06



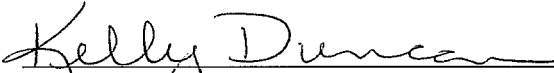
Dr. Pam Homan
Superintendent, Sioux Falls School District

Date: 5-6-06



Dr. Rick Melmer
Secretary, South Dakota Department of Education

Date: 5/31/06



Dr. Kelly Duncan-Clark
President, South Dakota Board of Education

Date: 5-16-06

ADDENDUM

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Agreement with Respect to Applying the

Electronics Technology
Associate of Applied Sciences Degree Program
Towards the

Electronics Engineering Technology
Bachelor of Science Degree Program

Between
Southeast Technical Institute
and
South Dakota State University

Acceptance of Agreement:

For Southeast Technical Institute:



Date: 6/22/06

Ms. Sheri Meister, President
Sioux Falls School District School Board