

SOUTH DAKOTA BOARD OF REGENTS

Academic and Student Affairs
Consent

AGENDA ITEM: 3 – E
DATE: December 4-6, 2018

SUBJECT

Requests to Seek Accreditation – SDSMT & USD

CONTROLLING STATUTE, RULE, OR POLICY

[BOR Policy 1:10](#) – Relationship of Curriculum and Instruction to Statutory Objectives

BACKGROUND / DISCUSSION

Board of Regents Policy 1:10 specifies that “Each campus must seek and receive Board approval before applying for initial accreditation or an expanded scope of accreditation for academic programs.” In accordance with Board policy, South Dakota School of Mines and Technology and the University of South Dakota requests approval to seek accreditation from the Accreditation Board for Engineering and Technology (ABET) for the USD’s Biomedical Engineering program and SDSMT’s Nanoscience and Nanoengineering program (Attachment I).

The University of South Dakota also requests approval to seek accreditation from the Commission on Accreditation of Allied Health Education Programs (CAAHEP) for the Emergency Medical Services Professions for their BS in Health Sciences, Paramedic Specialization (Attachment II). CAAHEP accredits programs upon recommendation of the Committee on Accreditation of the Educational Programs for the Emergency Medical Services (CoAEMSP).

The Higher Learning Commission (HLC), a regional accrediting agency recognized by the U.S. Department of Education, awards institutional accreditation for higher education institutions in South Dakota. A variety of unique organizations award specialized/program accreditation within distinct programs or departments at Regental institutions. A general

(Continued)

DRAFT MOTION 20181204_3-E:

I move to approve 1) USD and SDSMT’s request to seek accreditation from the Accreditation Board for Engineering and Technology (ABET) for their Biomedical Engineering (USD) and Nanoscience and Nanoengineering (SDSMT) programs; and 2) USD’s request to seek accreditation from the Commission on Accreditation of Allied Health Education Programs for the Emergency Medical Services Professions for their BS in Health Sciences, Paramedic Specialization.

reference document on institutional and specialized/program accreditation is available on the academic Reports and Accountability [webpage](#) of the BOR website.

- [Special Analysis: Accreditation in Higher Education](#)

IMPACT AND RECOMMENDATION

ABET: Accreditation informs prospective students, peers, and professionals that the program has received recognition of its quality and that its instructors possess adequate qualifications and the necessary academic credentials to teach. The USD and SDSMT estimate a total out-of-pocket cost of \$8,500 and an annual maintenance fee of \$1,300 once accredited.

CAAHEP: Accreditation informs prospective students, peers, healthcare professionals, and healthcare institutions that the program has received recognition of its quality and that its instructors possess adequate qualifications and the necessary academic credentials to teach. It also ensures others in the industry that graduates have met the educational requirements necessary to be able to function successfully in the EMS profession. USD estimates a total out-of-pocket expense of \$3,700 for their program accreditation, with an annual fee of \$1,700.

Board staff recommends approval.

ATTACHMENTS

Attachment I – Request to Seek Accreditation Form: Biomedical Engineering (USD) and Nanoscience and Nanoengineering (SDSMT)

Attachment II – Request to Seek Accreditation Form: BS in Health Sciences, Paramedic Specialization (USD)



SOUTH DAKOTA BOARD OF REGENTS ACADEMIC AFFAIRS FORMS

Request to Seek Accreditation

Use this form to request permission to seek accreditation of an approved program. Board of Regents (BOR) action is required to seek program accreditation.

UNIVERSITY:	SDSMT and USD
PROGRAM:	Biomedical Engineering (USD), Nanoscience and Nanoengineering (SDSMT)
CIP CODE:	14.0501
UNIVERSITY DEPARTMENT:	Biomedical Engineering
UNIVERSITY DIVISION:	College of Arts and Sciences (USD), Interdisciplinary Programs (SDSMT)

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Click here to enter a
date.

President of the University

Date

1. Level of program seeking accreditation (*place an "X" in the appropriate box*):

- Certificate

 Associate

 Bachelor's
 Doctoral

 Master's

2. Accrediting Agency:

ABET (Accreditation Board for Engineering and Technology, Inc.)

3. What are the advantages of accreditation?

The advantages of accreditation fall in three categories: Students, Program and Institution, Industry

1. Students:

- A. Verifies that the educational experience meets global standard
- B. Enhances student employment opportunities—many corporations require graduation from accredited programs
- C. Supports student entry in to a technical profession through licensure, registration, and certification. Most professions require graduation from an ABET-accredited program.

- D. Establishes student’s eligibility for many federal student loans, grants, and/or scholarships.
- 2. Programs and Institutions:
 - A. ABET accreditation tells prospective students, peers, and the professions that the program:
 - i. Receives recognition of its quality.
 - ii. Promotes “best practices” in education.
 - iii. Directly involves faculty and staff in self-assessment and continuous quality improvement processes.
 - iv. Is based on “learning outcomes,” rather than “teaching inputs.”
- 3. Industry, government and the world:
 - A. Ensures that graduates have met the educational requirements necessary to enter the profession.
 - B. Proof that a collegiate program has met standards essential to produce graduates ready to enter the biomedical engineering field
 - C. Graduates from an ABET-accredited program have a solid educational foundation and are capable of leading the way in innovation, emerging technologies, and in anticipating the welfare and safety needs of the public

4. What are the anticipated costs involved in accreditation, including:

A. Costs involved in undergoing self-study and preparing the application for accreditation:

The self-study and preparation of the application for ABET accreditation are carried out by the faculty of Biomedical Engineering Department. There are no additional costs for the program.

B. Out-of-pocket costs related to dues or site visits:

Readiness Reviews

Fee for each program reviewed	\$1,000
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What is the Readiness Review?

On-Site Reviews

Base fee for an on-site review	\$3,225
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Fee for each program evaluator (PEV)	\$3,225
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Additional Fees

One evaluator reviewing two programs	\$345
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Extra day, per program evaluator	\$345
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Visit to off-campus location, per location	\$345
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Total Estimated for out-of-pocket costs related to dues or site visits: \$8,500.00

C. Base budget implications including incremental costs and minimum base resources required (dollars and FTE):

Annual Maintenance

This fee covers the upkeep of accreditation data files, review of institutional materials, and the publication and distribution of annual lists of accredited programs.

Base fee per campus per commission	\$685
Fee for accredited program at each campus	\$685

Annual support fee: Once accredited the annual maintenance fee is \$1,370.00

Curriculum: The curriculum for this degree is designed to meet ABET requirements. Continuous improvement will occur in accordance with the ABET process.

Faculty: Program management and ABET accreditation preparation roles will be determined in the Memorandum of Understanding between the Universities.

5. What is the source of the revenue needed?

USD: College of Arts and Sciences

SDSMT: Interdisciplinary Sciences

6. What is the estimated date for submission of accreditation application?

In order to submit an accreditation application, a student must graduate from the program. The Biomedical Engineering anticipates submitting the application for accreditation by June of 2023, with a site visit taking place in 2024.



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
Request to Seek Accreditation

UNIVERSITY:	USD
PROGRAM:	Health Sciences, B.S.-Paramedic Specialization
CIP CODE:	51.0000
UNIVERSITY DEPARTMENT:	Health Sciences
UNIVERSITY DIVISION:	School of Health Sciences

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.



 President of the University

9/17/2018

Date

1. Level of program seeking accreditation (place an "X" in the appropriate box):

- Certificate Associate Bachelor's
 Doctoral Master's

2. Accrediting Agency:

Accreditation is through the Commission on Accreditation of Allied Health Education Programs ([CAAHEP](#)) for the Emergency Medical Services Professions. CAAHEP accredits programs upon recommendation of the Committee on Accreditation of the Educational Programs for the Emergency Medical Services ([CoAEMSP](#)).

3. What are the advantages of accreditation?

The advantages of accreditation fall in three categories: Students, Program and Institution, Industry

I. Students:

- A. Assures potential and enrolled students that a program meets minimum standards related to administration, resources, faculty, and facilities.
- B. Informs students that the program has met standards established by the emergency medical professionals involved in the discipline that reflect what a paramedic needs to know and be able to do to perform successfully in the Emergency Medical Services (EMS).
- C. The primary purpose of program accreditation is student and public protection through an independent, external, objective peer-review of programmatic quality in comparison to accepted national standards.
- D. Accreditation protects the students' investment in their education by ensuring they graduate from a quality program and that instructors possess adequate qualifications and the necessary academic credentials to teach.

II. Programs and Institutions:

- A. CoAEMSP accreditation informs prospective students, peers, healthcare professionals, and healthcare institutions that the program:
 - i. Has received recognition of its quality.
 - ii. Implements “best practices” in education.
 - iii. Engages in self-assessment and continuous quality improvement processes.
 - iv. Provides an educational program based on quantifiable learning outcomes.

III. Industry

- A. Ensures that graduates have met the educational requirements necessary to be able to function successfully in the EMS profession.
- B. Provides evidence the paramedic program has met minimum standards essential to prepare graduates ready to enter EMS workplace settings.
- C. Accreditation protects the public by ensuring they receive a minimum standard of care by individuals who are properly trained.

4. What are the anticipated costs involved in accreditation, including:

A. Costs involved in undergoing self-study and preparing the application for accreditation:

Program costs, including all expenses related to accreditation are the responsibility of Sanford USD Medical Center. All program costs are addressed in a Memorandum of Understanding (MOU) between USD and Sanford USD Medical Center. The self-study and preparation of the application for CoAEMSP accreditation are carried out by the faculty of the Paramedic Program, which is a specialization within the Department of Health Sciences. Sanford USD Medical Center is responsible for all faculty costs, including the Program Director, Clinical Director, and Medical Director. All fees related to the program offering are the responsibility of Sanford USD Medical Center, including accreditation fees and membership.

B. Out-of-pocket costs related to dues or site visits:

Annual Fee	\$1,700
Technology- one time	\$250

Accreditation Fees	
Self-Study Report Evaluation	\$750
Site Visit	\$2,700
Total Accreditation Fees	\$3,450

C. Base budget implications including incremental costs and minimum base resources required (dollars and FTE):

The MOU specifies that Sanford USD Medical Center is responsible for all costs associated with the program.

D. Curriculum:

The curriculum for this degree is designed to meet CoAEMSP requirements. Continuous improvement will occur in accordance with the CoAEMSP requirements on an annual basis.

5. What is the source of the revenue needed?

USD/Sanford MOU

6. What is the estimated date for submission of accreditation application?

In order to submit an accreditation application, a student must graduate from the program. The application for a CoAEMSP onsite accreditation visit was submitted January 2018.