
**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

New Course Request

n10 (cho605.0m2 1(ched4 4i)-2 1(2.4 ca-4 (n)(r12 43A (n)p4 4i)p4 4i)-4 (n)i4 (n)c112 43at0 (2.4 10 (cho605.0nr125.0s15 (tu)-7 (t15768w496W56n32 >> Q7 > Q q 72 602.4 102.2 13 1 Tt -0.0106.6 1499.44DT 1 6i14 214.2 6i639214.2 644)

**SDSU
Institution**

**Jerome J. Lohr College of Engineering/ Mechanical
Engineering**

Lewis Brown

1/23/2018

School/College Dean

Signature

Date

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

Biomedical Engineering (BME) is a rapidly expanding field of study where engineers are applying their knowledge and expertise to developing technologies in the medical field. Examples include prosthetics, implantable medical devices, tissue engineering, and medical imaging, among others. This course provides students with the opportunity to see the latest advancements in the medical field and to see how engineering principles can be used to improve the lives of patients and caretakers. This course was offered as a special topics ME 492/592 course at SDSU for three semesters (Fall 2015, Fall 2016, and Fall 2017). Denoted as: SpTp-Engineer Mech Biomed Apl.