



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
 Authority to Offer an Existing Course

USD/SDSM&T
Institution

Biomedical Engineering/Nanoscience & Nanoengineering
Division/Department

USD 9/10/2018 *Elizabeth M. Freeburg*

SDSM&T Senate 10/11/18

Institutional Approval Signature

Date

1. Is this a request to offer an existing common course or an existing unique course (approval will change course status from unique to common)?

Common Course

2. Provide the complete description as it appears in the system database including pre-requisites and co-requisites.

Prefix & No.	Course Title	Credits
EM 214	Statics	3

USD course number created as BME 214

Course Description
The study of the effects of external forces acting on stationary rigid bodies in equilibrium. Vector algebra is used to study two and three dimensional systems of forces. Trusses, frames and machines, shear and moment in beams, friction, centroids, moments of inertia, and mass moments of inertia are discussed.

Pre-requisites or Co-requisites

Prefix & No.	Course Title	Pre-req	Co-req
MATH 123	Calculus I	Yes	No

3. Universities currently offering this course:

BHSU DSU NSU SDSMT SDSU USD

4. Does Offering the Course Create FTE Implications? No, receive DDN from SDSMT host site.

5. Does Offering the Course Create Schedule Management Implications? Yes

Explain: USD will need to work with SDSMT to ensure DDN time is available for the course.

6. Existing program(s) in which course will be offered: Biomedical Engineering

7. CIP Code for the course: 14.1101

8. Proposed instructional method by this university: D-Discussion/Recitation; R-Lecture

9. Proposed delivery method by this university: 020/025 DDN Receive Site/Host

10. University Dept. Code: UBME/MCEE

11. Authority to offer effective beginning in what term? Fall 2019

12. Section Restriction: 25