

ACADEMIC AFFAIRS COUNCIL

AGENDA ITEM: 3 – D (2)

DATE: October 6, 2020

SUBJECT

New Undergraduate Certificate: DSU Creative Coding

CONTROLLING STATUTE, RULE, OR POLICY

[BOR Policy 2:23](#) – Program and Curriculum Approval

BACKGROUND / DISCUSSION

Dakota State University (DSU) requests authorization to offer an undergraduate certificate in Creative Coding on campus and online.

The proposed certificate will provide a hands-on opportunity to explore the making of code-based interactions for the creative fields. Students will gain the skills needed to work with computer codes in practical, creative ways that will support a variety of career aspirations. Students studying Digital Arts and Design at DSU are required to take introductory computer programming courses in their plans of study. Further studies of computer programming in a creative setting will deepen the artist’s ability to adapt and work with the digital tools of their trade, thus increasing their marketability. Most specifically, the studies required to earn this certificate will develop the artist’s ability to think algorithmically, develop computer-oriented problem-solving skills, and innovate artistically.

IMPACT AND RECOMMENDATION

It is expected that the certificate program will serve DSU’s undergraduate Digital Arts and Design students, as well as students at other SD and out-of-state institutions.

No new courses are required to offer the proposed certificate.

Board staff recommends approval.

ATTACHMENTS

Attachment I – New Certificate Request Form: DSU – Creative Coding

DRAFT MOTION

Authorize DSU to offer an undergraduate certificate in Creative Coding, as presented.