

SOUTH DAKOTA BOARD OF REGENTS

Certificate Request

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| <u>USD</u> | <u>Curriculum & Instruction</u> | <u>Elizabeth M. Freeburg</u> | <u>1/22/16</u> |
| Institution | Division/Department | Institutional Approval Signature | Date |

1. Name of Program: Instructional Coaching, Technology, and Change

2. Provide a justification for the program.

The University of South Dakota seeks approval to offer a new graduate certificate program in *Instructional Coaching, Technology, and Change*. As the ubiquity of technologies has become the norm in society, schools have become environments saturated with digital technologies. Approximately 74% of South Dakota high schools have implemented a one-to-one laptop/tablet initiative and a trend is forming where more and more school districts are implementing these initiatives every year. Within the region, approximately half the school districts in the State of Iowa alone have adopted such an initiative.¹ Yet, too often the preparation and professional development teachers receive is inadequate to support the effective use of technologies during instruction.² As schools and other organizations seek to implement innovative solutions to meet teacher professional learning needs, there is an increasing demand for educators that can serve as instructional coaches with an emphasis in instructional technologies. In a survey of teachers in the Southeast region of South Dakota, 47% of respondents indicated they would be interested in pursuing a certificate program in Instructional Coaching, Technology, and Change. Regionally, this demand has been partially driven by policy supporting the development of teacher leader roles in the State of Iowa. This policy provides Iowa school districts funding to create teacher leadership positions, including instructional coaches, focused on teacher professional development.³ These trends are likely to persist into the future, resulting in an increased demand for instructional coaches prepared to lead their colleagues in the development and implementation of effective learning experiences through the innovative use of instructional technologies. If interested, individuals completing the certificate program could continue their preparation by enrolling in the Masters of Science in Technology for Education and Training program (M.S. in TET), at the completion of which they would earn both a master's and the South Dakota Technology Integrationist Endorsement. The courses in this certificate program already exist and are part of the MS in TET.

3. Who is the audience for the program?

The audience for the certificate program are certified K-12 teachers with a minimum of one year of teaching experience who are interested in developing their ability to support teachers in the effective use of instructional technologies to enhance K-12 student learning. Individuals completing the certificate program could continue their preparation by enrolling in the Masters of Science in Technology for Education and Training program, at the completion of which they would earn both a master's and the South Dakota Technology Integrationist Endorsement. Additionally, certificate completers seeking curriculum director positions in school districts may benefit from specialized knowledge of technology integration.

4. List the courses to be completed, the credit hours of each course, and the total number of credit hours required for the program.

| Prefix & # | Title | Credit Hrs |
|------------------------------------|---|-------------------|
| LT 712 | Instructional Technology for Active Learning | 3 |
| TET 553 | Personal and Organizational Change Management | 3 |
| LT 716 | Systematic Design of Instruction | 3 |
| ELED 778 | Leadership, Coaching, and Mentoring in P-12 Schools | 3 |
| Total Credit Hours Required | | 12 |

5. Proposed CIP code 13.0501

6. Effective Date of Certificate Program Fall 2016

1 AEA 267. (n.d.). 1:1 Schools in Iowa. In AEA 267 Technology Integration. Retrieved December 11, 2015, from <https://www.aea267.k12.ia.us/techintegration/current-initiatives/one-to-one/1-to-1-schools-in-iowa/>

2 Ertmer, P. A., & Ottenbreit-Leftwich, A. T. (2010). Teacher technology change: How knowledge, confidence, beliefs, and culture intersect. *Journal of Research on Technology in Education*, 42(3), 255–284.

3 Iowa Department of Education. (2015). Teacher Leadership and Compensation System. In Iowa Department of Education. Retrieved from <https://www.educateiowa.gov/teacher-leadership-and-compensation-system>