

DAKOTA WESLEYAN UNIVERSITY
Department of Education

COURSE CODE: EDU 599 E

COURSE TITLE: SDCTM/SDSTA 2018 Conference

SEMESTER AND YEAR: Spring 2018

TOTAL COURSE HOURS: 1

COST: \$70

CLASS LOCATION, MEETING TIME, AND DAY(S): Thursday, February 8 –
Saturday, February 10

NAME AND TITLE OF FACULTY MEMBERS RESPONSIBLE FOR THIS COURSE:

Dr. Ashley Digmann
Dakota Wesleyan University
Education Department Chair
Assistant Professor of Mathematics

FACULTY CONTACT INFORMATION:

Phone: (605) 995-2891
Email: asdigman@dwu.edu

COURSE DESCRIPTION: 2017 SDCTM/SDSTA Conference college credit

DWU MISSION STATEMENT:

As an inclusive educational community, Dakota Wesleyan University provides a transformative learning experience that cultivates enduring intellectual growth, ethically grounded leadership, intentional faith exploration, and meaningful service.

STATE OR NATIONAL STANDARD REQUIREMENTS:

1. The NCTM and NSTA Curriculum and Evaluation Standards.
2. The South Dakota Science Content Standards.
3. The South Dakota Mathematics Content Standards.
4. Common Core State Standards

REGISTRATION INFORMATION

The registration form must be completed and the fee must be turned into the registration table at the time you register. You have two options for registration:

1. Online with credit card: <https://store.dwu.edu/NonDegreeCredit>
Select course 599E SDCTM/SDSTA
2. Paper: Checks should be made out to DAKOTA WESLEYAN UNIVERSITY

COURSE REQUIREMENTS

You must complete both requirements, 1 and 2, listed below.

1. You must attend 15 hours of sessions. The Friday night banquet may count as 2 hours. Please have the speaker sign the form after each session except the banquet.
2. You have two options (choose only one):

Option 1: Attend the feedback session on Saturday afternoon, at 3:30 (tentative time), and submit a reflection paper on the conference.

Option 2: Pick a standard from state or national standards and develop a lesson plan to demonstrate how a concept introduced at the conference can be used to address the standard(s). You may use any of the following standards:

- a) The NCTM and NSTA Curriculum and Evaluation Standards.
- b) The South Dakota Science Content Standards.
- c) The South Dakota Mathematics Content Standards.
- d) Common Core State Standards

The lesson plan must list the standard and how it is being met. Objectives, textbooks, and supplementary material to be used must be included in the plan. For science lessons that involve experimentation by students, you must incorporate controls, replicates, and statistics where appropriate. Further lesson plan guidelines are given below.

LESSON PLAN INSTRUCTIONS:

Select a teaching unit that includes an activity you learned about at the SDSTA/SDCTM conference. Develop the activity into a lesson plan that has sufficient detail that any other science/math teacher could implement it. Please do not copy a lesson plan from a textbook, as this will be your original work. (A sample format is attached to the syllabi).

The plan should include:

1. The objectives to be accomplished by the students;
2. A detailed introduction (exploratory phase) on how the lesson would be initiated, including the questions that you plan to ask (along with the answers you expect);
3. A brief description of the activity;
4. A detailed description of the post activity discussion (or concept application phase), again including all questions that you plan to ask (and the answers you expect);
5. Prepare an assessment to test student mastery of your objectives.

DUE DATES AND SUBMISSION INFORMATION:

The conference activity sheet and lesson plans are due Monday, March 20, 2017. This will allow time for the professor to provide feedback and return lesson plans for revision, if necessary.

Please return to Ashley Digmman, at Dakota Wesleyan University, 1200 W. University, Mitchell, SD 57301, or electronically (preferred) at asdigman@dwu.edu . If submitting electronically, please attach lesson plans in Word or PDF form.

TRANSCRIPT INFORMATION

Transcript information can be found at: <https://www.dwu.edu/alumni-visitors/for-alumni/request-a-transcript>

Office of the Registrar, DWU 1200 West University Ave., Mitchell, SD 57301-4398.
There is no cost for the transcript.

DWU ACADEMIC HONESTY/PLAGIARISM POLICY:

No credit will be given if plagiarism or academic dishonesty occurs.

TITLE IX:

Dakota Wesleyan University considers all faculty to be persons of authority thus are mandatory reporters under Title IX. Dakota Wesleyan's Title IX Coordinator for Students is the Director of Student Life. (605-995-2160)

STUDENT DISABILITY SERVICES AND THE AMERICAN WITH DISABILITIES ACT (ADA):

Any student who believes she or he may need academic accommodations or access accommodations based on the impact of a documented disability are encouraged to contact and register with Student Disability Services no later than three weeks after the first day of classes. Student Disability Services is the official office to assist students through the process of disability verification and coordination of appropriate and reasonable accommodations. Students currently registered with Student Disability Services must obtain a new accommodation memo each semester.

The Americans with Disabilities Act (ADA) guarantees the privacy of students with disabilities.

For more information, questions, and/or accommodation arrangement, please contact:

Coordinator of Student Disability Services
Office: McGovern 231
Phone: (605) 995-2931
Fax: (605) 995-2660

Lesson Plan Format

Remember: No lessons copied directly from a text or from another person. (You may use these lessons as a guide but please make it your lesson.)

Your lesson plans should be prefaced by a title page that includes:

1. Your name and school district.
2. The standard or standards you are addressing.
3. The grade level you are teaching.

For each lesson, include:

1. Standard(s) being used
2. Objective(s)
3. Materials
4. Procedure/Activities
5. Assessment of Student Learning
6. Closure
7. Follow-up or Homework (Optional)

Remember that science lessons that involve student experimentation must incorporate controls, replicates, and statistics where appropriate.