

DAKOTA WESLEYAN UNIVERSITY
Department of Education

COURSE CODE: EDU 599

COURSE TITLE: SDCTM Summer Symposium: Taking Action: Implementing Effective Mathematics Teaching Practices

SEMESTER AND YEAR: Summer 2019

TOTAL COURSE HOURS: 1 credit hour

CLASS LOCATION, MEETING TIME, AND DAY:

July 10, 2019

Registration - 8:00 am

Session - 8:30 am to 4:00 pm

Dakota Wesleyan University Corrigan Health Science Center; CSC 203

NAME AND TITLE OF FACULTY MEMBERS RESPONSIBLE FOR THIS COURSE:

Dr. Ashley Digmann

FACULTY CONTACT INFORMATION:

Dr. Ashley Digmann

Email: ashley.digmann@dwu.edu

Phone: (605) 995-2891

COURSE DESCRIPTION: The SDCTM Summer Symposium targets all teachers and administrators involved in teaching grades K-12.

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.

COURSE OBJECTIVES/LEARNING OUTCOMES:

Effective teaching matters for student learning of mathematics. Through this workshop, gain a richer understanding of the high-leverage, research-informed teaching practices identified in NCTM's Principles to Actions.

What is the role of facilitating student discourse? In what ways can teachers support productive struggle so students take ownership of their learning? How do the eight teaching practices form a framework to guide the daily work of teaching mathematics? The session will engage you with classroom strategies and resources to experience and implement effective mathematics teaching practices.

Participants are encouraged to bring their own device to learn how to model 5 of the mathematical teaching practices using a Desmos activity. Activities will be applicable for grades 4-12.

COURSE CALENDAR:

Attendance is required for the entire seminar on July 10, 2019. All assignments are due to Dr. Ashley Digmann by August 1, 2019.

COURSE ASSESSMENT AND EVALUATION GUIDELINES FOR GRADUATE CREDIT

1. Attend the entire seminar on July 10, 2018
2. Complete three daily lesson plans using the information you have learned in the seminar.
 - a. Must be original lesson plans!
 - b. Lesson plans must utilize engagement activities adapted from seminar discussion.
 - c. Lesson plans should include methods to facilitate mathematical discussions.
 - d. Lesson plans should include (but are not limited to) the following:
 - i. Standards
 - ii. Objectives
 - iii. Assessment
 - iv. Anticipatory Set
 - v. Direct and Indirect Instruction
 - vi. Closure
 - vii. Questions
3. Email your three lesson plans to Dr. Ashley Digmann at ashley.digmann@dwu.edu by August 1, 2019.

ATTENDANCE POLICY:

Attendance is required for the entire seminar on July 10, 2010.

DWU ACADEMIC HONESTY/PLAGIARISM POLICY:

You must create your own, original lesson plans. Any form of academic dishonesty will result in no credit for the course.

TITLE IX:

In support of its mission, Dakota Wesleyan University is committed to maintaining a healthy and safe learning, living, and working environment that promotes responsibility and respect among all members and guests of the campus community. This is an environment in which no one is unlawfully excluded from participation in, denied the benefits of, or subjected to discrimination in any university program or activity on the basis of gender, sex, sexual orientation, sexual identity, gender identity, or gender

expression. Individuals wishing to discuss a Title IX issue or file a formal complaint should contact the Title IX Coordinator.

John Kippes, Title IX Coordinator and Director of Student Life
Office: 104 Rollins Campus Center
Phone: (605-995-2160)

Academic Success and Career Services Center

The Academic Success and Career Services Center is located on the second Floor of the McGovern Library. This center offers a wide range of academic support and career planning services. Services include selecting or changing a major, preparing for standardized tests, applying to graduate schools, tutoring, writing assistance, identifying strengths and talents, career preparation, and many more. The center is also a place for students to learn, collaborate, and study. For more information and/or questions, please contact:

Academic Success and Career Services Coordinator
Office: McGovern 202
Phone: (605) 995-2904

Student Disability Services and The Americans with Disabilities Act Statement:

Any student who believes she or he may need academic accommodations or access accommodations based on the impact of a documented disability is 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 and support students in the process of disability verification and coordination of appropriate and reasonable accommodations. Students currently registered with Student Disability Services must obtain new accommodation letters 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:

[Kristy Zink](#), Office of Student Disability Services
Office: McGovern 231
Phone:(605) 995-2931
Fax: (605) 995-2660