Minnesota State University Moorhead

TESL 473: Teaching Math and Science to ELs

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will look at state guidelines and designated responsibilities of both ESL teachers and teachers of other subjects in the education of ELs and then present readings, discussions, and assignments that help math and science teachers fulfill their designated responsibilities. Students will learn general difficulties faced by ELs in a core subject classroom and the specific challenges presented in the math and science classrooms as well as ways to help these learners overcome these difficulties.

B. COURSE EFFECTIVE DATES: 03/03/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Develop an understanding of the difficulties ELs encounter in math and science classes.
2. Develop skills to assist ELs in overcoming the difficulties in math and science classes.
3. Develop techniques for both overcoming language barriers and supporting language development while teaching math or science.
4. Develop the ability to analyze lessons for difficulties.
5. Develop the ability to create a lesson plan with ELs in mind.
6. Understand program models that are common in K-12 schools.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted