

EDUC 335

Field Experience Handbook

FALL 2019

EDUC 335: Elementary Mathematics Curriculum

Field Experience Assignment(s):

- **Week 1: Math Observations and Classroom Inventory Checklist**

Each methods student in the field placement classroom will individually complete the following:

- two mathematics observations that focus on collecting information about students' mathematical thinking
- a classroom inventory checklist

Each methods student can use his/her phone to take pictures of student work to document student thinking during the observation. The information collected will help them plan future lessons in their assigned classroom. Each methods student will complete the observation and inventory checklist document provided by the instructors of EDUC 335.

- **Week 2: Individually implement a Number Talk**

Each methods student in the field placement classroom will teach a one grade-level appropriate Number Talk. Thus, two different Number Talks will be taught in the field placement classroom, designed to take approximately 30 minutes of class time in all (15 minutes for each Number Talk). The mathematics tasks will be chosen by the methods students based on what they learned during their observations in Week 1. Each partner will write an individual reflection paper on the implementation of the Number Talk.

- **Week 3: Co-teach a full mathematics problem-based lesson**

Partners in the field placement classroom will teach a *Problem-Based drop-in lesson* on a grade-level appropriate mathematical topic. The mathematics tasks will be chosen by the methods students (with the help from their clinical educator) from a set of tasks provided by the instructors of EDUC 335. The lesson plan will cover 1-2 days of instruction in the field experience classroom. One teacher candidate will teach half of the lesson and the field experience partner will teach the other half of the lesson. Partners will collaboratively write a reflection paper on the implementation of the Drop-in Lesson.