

## C&T 351 – Diversity, Equity, and Inclusion Project and Presentation

The intent of this project is to create an awareness of equity and diversity issues in classroom teaching. Our goal as mathematics teachers is to provide all students the opportunity to learn. This semester we will work to identify specific challenges or difficulties we see students face in today's mathematics classrooms.

For this project, you will: identify an issue or challenge; research your topic; create a poster, handout, or PowerPoint summarizing what you learned; and participate in our class discussion.

This assignment has 3 parts. Once you complete a part you can submit it to Blackboard. All written materials should be submitted to Blackboard by end of day Thursday, 11/21/19. The in-class presentations will be the week of 11/18/19.

**Part 1 (10 points):** Begin thinking about challenges or difficulties you see in today's mathematics classrooms. Also, consider the reasons math may have been difficult for you or someone you know. Your topic can be anything that makes learning a challenge for students. You might be thinking about something you experienced yourself, something you have noticed during field work, or something you have experienced in a job or other experience you have had. You might also talk to someone who is currently teaching about what they have noticed.

Write a 1 – 2 page reflection that answers these prompts:

- What are your experiences working with diverse learners?
- Are you committed to equity and inclusion in classroom experiences? How would an outsider know this commitment is important to you?
- Take an Equity Walk around your practicum classroom and/or school. If you have time, talk to your mentor. Does everyone have access to high quality mathematics instruction? Are mathematics materials accessible to all students? Who are the students who might not have equal access to high quality materials and instruction? What are some specific difficulties you see students face in mathematics?
- What are some topics you might like to explore further for this project? Can you think of a personal reference you could interview? If so, who would that be?

**Part 2 (25 points):** Research your topic and create a poster, handout, or PowerPoint to share with our class. Presentations are in class on Thursday, 11/21/19. You'll have 8 – 10 minutes to share.

Follow these guidelines for your presentation:

- Begin your presentation with some type of simulation that allows the viewer a way to experience your topic. (4 – 5 minutes)
- Briefly share the challenges you have noticed, key terms and definitions, current research, and/or tips for teachers. (4 – 5 minutes)

Submit your poster, handout, or PowerPoint to Blackboard. Include these items:

- Briefly describe your topic and the challenges you have noticed. Who are the students who don't have access to high quality instruction? Why don't they have access? What makes school difficult for them?
- Include key terms and definitions, and/or current research related to your topic.
- Include tips for teachers and resources for families.
- Cite some literature references (journals, websites, books, etc.) for further reading.
- Interview someone who has knowledge of your topic and include their perspective. You could use yourself as a reference here, if this is something you have a personal experience with. Or, you could interview a classroom teacher about their experiences teaching students facing these challenges. Include this interviewee as a reference.
- Make sure your work is neat, organized, and contains few or no proofreading errors.

**Part 3 (5 points):** After the in class presentations write a short, 2 – 3 paragraph, response that highlights some things you learned during the in class presentations. What are 2 – 3 things you learned that you didn't know before? Which of the tips for teachers stood out to you? How could these tips impact your teaching?