

## MAT 156 - Math for Elementary Teachers I

### Service-Learning Requirements

You will be required to perform **at least** 15 hours of service-learning for this class. You must complete most of these hours in a mathematics learning environment. Most teachers do not teach math for an entire hour, so I am requiring that **AT LEAST** 30 minutes of each hour **MUST** be during your teacher's math lesson.

My preference would be for you to be in an elementary classroom while the teacher is teaching math. *The purpose for your service-learning experience is to help you to make a much better (and quicker) connection between what is being taught in this course, and how to apply it in an elementary school setting.*

To get the most out of your service-learning, please make sure you are doing a variety of tasks (not *just* stapling papers) in the classroom. These activities could include helping a student one-on-one with math, creating a math-based bulletin board, helping a group of students in math (teaching a mini-lesson), and observing the teacher teach a math lesson and then helping the students get started on the lesson. Try to get as much out of this experience as you can. Math *can* be a difficult subject to teach OR it can be fun and creative. You get to choose... (What would your students want you to choose? ☺)

If your schedule will not allow you to be in an elementary classroom during the day, then tutoring math in the afternoon or evening at a tutoring center would also be acceptable. The Boys and Girls Club has hours that might meet your needs, if you cannot make it during the day. There might be other possibilities as well. Talk to the Service-Learning Center if you need help with this.

**You will need to attend a Service learning orientation** (only once for all classes requiring service learning). Please bring me your proof of attendance.

**Service-Learning Orientations** at Southern & Dobson held in the **Kiva Room**  
*They will last about 45 minutes.*

- 1) Wednesday, August 26th at 8:00am & 11:00am
- 2) Thursday, August 27th at 9:00am, 10:30am, and 1:30pm
- 3) Tuesday, September 1st at 7:15pm
- 4) Wednesday, September 2nd at 5:00pm

We will hold catch-up orientations in the Zuni Room, by our office, on Tuesdays at 12:00pm and Wednesdays at 5:00pm for the month of September starting September 8th.

You will be given the following papers for Service-Learning during the orientation (to be turned in to the SLA):

- 1) A **Placement Confirmation Form**, which must be completed and is due back to the service-learning assistant (SLA) **NO LATER THAN** Friday, Sept 25 (end of week 5).

\* If you have not found a school and turned in your Placement Confirmation Form by **Sept 16**, then there will be a Community Expo on Sept 16<sup>th</sup> and 17<sup>th</sup>. This is a great opportunity for students to find a placement site and discover what is available in the community.

**September 16th & 17th**

9:00am to 12:30pm

Navajo Room, Kirk Student Center

(The Expo at Red Mountain will be September 9th from 9:00am to 12:00pm)

PLEASE make every effort to find a school BEFORE these dates; make this a high priority for this class!

- 2) An **Assumption of Risk Form**, which must be completed and is due back to the service-learning assistant **NO LATER THAN** Friday, Sept 25 (end of week 5).
- 3) A **Service-learning Contact Log\*** which needs to be maintained by you *throughout* your service-learning, and must include a final evaluation of your performance by your cooperating teacher, along with proper signatures. Copy and submit the original to the service-learning assistant upon completion of your service-learning hours, but **NO LATER THAN** Friday, Dec 4<sup>th</sup> (end of week 15).

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A copy of this service learning log will be turned in to your instructor with your final Service Learning paper.

- \* The **School Based Site Listing**, which will help you find a school in our Service-Learning program that is near you (or fits your schedule) is **online** for you to check if the school you would like to work at is approved by MCC.

You will be given the following papers on the first day of class (to be turned in to your instructor):

- 1) An **Acceptance Form** which must be completed and returned to your instructor **NO LATER THAN** Friday, Sept 25 (end of week 5). *Make a copy for yourself and one for your cooperating teacher prior to submitting.*
- 2) A **Learning Plan** (on the back of the Acceptance Form) which must be completed and returned to your instructor **NO LATER THAN** Friday, Sept 25 (end of week 5). *Make a copy for yourself and one for your cooperating teacher prior to submitting. You will need to refer back to this when you are finished with your service-learning hours to write your final summary.*

### **FINAL PAPERWORK FOR SERVICE-LEARNING**

All 15 hours and all final paperwork should be completed and turned in **NO LATER THAN Friday, Dec 4<sup>th</sup>** (end of week 15) Paperwork due will be as follows:

- 1) The **Service-learning Contact Log** (see above )- turned in to the service-learning assistant and a copy turned in to your instructor with the paper below.
- 2) Submit to your instructor **NO LATER THAN Friday, Dec 4<sup>th</sup>** (end of week 15) a **2-3 page typed summary** of your service-learning experience which includes the following:
  - a. Identification of the teacher's class observed (school and grade level)
  - b. Activities observed and extent of your participation with students and/or teacher
  - c. Connections between your service-learning experiences and your learning objectives (from your Learning Plan -*keep a copy for yourself*)
  - d. Insights gained from the experience as related to course content of MAT 156

### **Point Values toward final grade: 100 pts (10%)**

- Acceptance Form/Learning Plan completed and turned in to the instructor on time = 15 pts
- 2-3 page typed summary (at the end) completed and turned in to the instructor on time = 15 pts
- Journal entries = 70 pts (see the Journal paperwork)

The best way to gain as much as you can from this experience is to do a little each week (around one hour each week, **AT LEAST 30 minutes** of which must be in a math learning environment). This way you can watch your students learn and grow, and see how the curriculum changes over the semester. If you try to get all 15 hours in the same week, you will only see one "point" in time, and not be able to get a good feel for the environment in a mathematics classroom.

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\*\*You are not required more than 15 hours, but if you *wish* to do more than 15 hours, you have several options:

- 1) You can choose to earn 1 credit (to graduate with honors, you must do this at some point). You have to sign up for this with me (MAT 282) and it will require 50 hours (this includes your original 15 hours). There are a few other small requirements; see me or the Service-Learning Center if you are interested.
- 2) Some sites are able to "hire" qualified students after their hours have been completed. See the Service-Learning Center for more information on this option.
- 3) Continue working at the school you are at because you really want to. 15 hours is *ONLY* a minimum. You are welcome to participate in as many hours as your schedule will allow (the teacher will love you for it!!). Please don't ask for extra credit ☺.

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## Service Learning Journal for MAT 156

During the course of the semester you will be required to participate in 15 hours of service learning; at least half of those hours must be in a MATH classroom. You are required to keep a journal to log your activities and thoughts about your service learning experience.

Please keep your journal in a paper folder with pockets (do not use plastic covers because I will be writing notes on them). Keep all the journal entries together, and in order, so I can go back and reference old journal entries if I need to. **You will need to attach the cover page** (included in this handout) and write the date, record the amount of time spent both in math and in other areas, and a title for each journal entry.

Although journals tend to be informal, typing the journal is expected (no plastic page covers, please!). Since I will be making comments on this, please double-triple space, to leave room for my comments. You may hand-write out any examples you want to show me that the teacher did in class, and include any hand-outs your cooperating teacher may have used that day.

*YOUR* thoughts are what I need to see to know how you are growing and learning in your experiences at your service-learning school, how it relates to this class, and how you will apply what you are learning to your own future classroom. Try to keep it positive, and keep in mind the goal of wanting to be a teacher.

The journal will be turned in on test days, before taking the test, until your 15 hours is complete. Please keep track of all 15 hours and make sure at least HALF of those hours are during math time!

The 15 hours of service learning is NOT optional, it is mandatory for this course, along with the journal entries that describe your experiences. I know you will be greatly rewarded with the experiences you will gain helping children in a math classroom! Your points will be added to your grade after all 15 hours are completed, or a 0 will be added at the end of the semester, if you did not participate in service learning.

