

## TUTORING CENTER AND MATH WORKSHOP INFORMATION FALL 2015

**LOCATIONS & CONTACT INFORMATION** We have tutoring on both campuses. Tutoring centers are located in the L&LC (Library and Learning Center) on each campus. On east campus the L&LC is in the library building. On west campus the L&LC is located in Yosemite Hall room 235.

**PHONE NUMBERS:** East Campus 575-6346; West Campus 575-6676. You can also contact me (Heidi Meyer) for more information at 575-7832 or meyerh@mjc.edu.

**TUTORING** Many different types of tutoring are offered in our centers, including writing, foreign languages, math and science. Most tutoring is by appointment only, but math tutoring is offered on a drop-in basis as well as by appointment.

**WORKSHOPS** Many different types of workshops are offered through the L&LCs during the semester, including math workshops, research workshops, study skills workshops, etc. To find dates and times click on the library link on PiratesNet. There are three types of math workshops that are offered: Math and Pizza, Mathematical Problem Solving Seminar, and Tutor-led Workshops.

- **Math and Pizza** The Math and Pizza workshops are focused on basic skills in mathematics. These topics vary depending on the semester. This fall we will be focusing on word problems (how to read, interpret, translate and solve them). The Math and Pizza workshops this fall are aimed at the Math 70, 89 and 90 level, but the first meeting would be appropriate for Math 20 as well. ANYONE is welcome to attend these seminars in order to brush up their skills with word problems. And, yes, there is free pizza!
- **The Mathematical Problem Solving Seminar** This also serves as tutor training. Our focus is on problem-solving skills (such things as changing perspective, stating a simpler problem, looking for a pattern, guess and check, parity, pigeon-hole principle, etc.). We also look at some topics that are intended to give our tutors and other participants a larger picture of mathematics than they may have seen yet, such as fractal geometry, set theory and the infinite, graph theory, Ramsey Theory, etc. These seminars are open to anyone who wishes to stretch themselves and to see mathematics through a different lens than is typically possible during class time. These workshops are most appropriate for students who already have reasonably strong math skills and wish to grow in new directions mathematically.
- **Tutor-led Workshops** These are workshops that our tutors put together based on what they see in working with our students as the most needed topics. These vary depending on the semester and may involve such topics as logarithms, operations on fractions, order of operations, finding determinants of matrices.

**GETTING INFORMATION** As well as this page that is currently in your hands there will be posters up soon advertising workshops, there will soon be cards in the library for students to take with them for reference, the library website has a calendar of workshops, and you will receive emails from time to time advertising upcoming workshops.

**SCHEDULES** See back side of this page



**LIBRARY AND LEARNING CENTER HOURS** Both learning centers are open 7:30am to 8:30pm Monday through Friday. On east campus the L&LC is also open Saturday from 8:00am to 5:00pm. Doors close 15 minutes before closing time.

**MATH TUTORING HOURS** Drop-in tutoring will be open Monday through Thursday on both campuses from 8:00am to 8:30pm. On Fridays the drop-in tutoring will close at 5:00pm. Beginning the third week of school drop-in tutoring will be available at the east campus L&LC from 10:00am to 2:00pm. For appointments students should call (see phone numbers on other side of this sheet) or walk in and make an appointment at the desk.

## **CURRENTLY SCHEDULED WORKSHOPS**

### **Math and Pizza**

#### **Topics**

Understanding Word Problems  
Mixture-type Problems Part 1  
Mixture-type Problems Part 2

#### **Meeting Times and Locations**

Thursday, September 17, 3:00-4:00 in Yosemite 235  
Thursday, October 8, 3:00-4:00 in Yosemite 235  
Thursday, November 5, 3:00-4:00 in Yosemite 235

### **Mathematical Problem Solving Seminar**

#### **Topics**

Introduction to Problem Solving  
Look for a Pattern  
Number Theory (Divisibility)  
Competition Problems and Semester Game  
Puzzles and Pseudoproofs

#### **Meeting Times and Locations**

Thursday, September 10, 3:00-4:30 in Founders Hall 151  
Thursday, October 1, 3:00-4:30 in Founders Hall 151  
Thursday, October 15, 3:00-4:30 in Founders Hall 151  
Thursday, October 29, 3:00-4:30 in Founders Hall 151  
Thursday, November 12, 3:00-4:30 in Founders Hall 151

*Remember to watch your email and/or the library web-site for details on tutor-led workshops.*