

CMC3 – South Fall Conference Program

Saturday, October 06, 2012

Use of Technology in Mathematics

Los Angeles Mission College, 13356 Eldridge Avenue, Sylmar, CA 91342

7:30am – 8:30am

Registration and Breakfast

Continental Breakfast provided by LAMC Culinary Arts

*Fresh Brewed Medium Roasted Coffee, Assorted Tea/Decaffeinated Tea, Orange Juice, Apple Juice, Fresh Seasonal Fruit Platter
Pastries: Sour Cream Coffeecake, Danish Assorted*

Welcome Remarks: Dr. Monte E. Perez, LAMC College President

Location: Lower Level Entrance

Keynote Speaker:

Fred Feldon, Coastline Community College

Fred Feldon is a professor of mathematics at Coastline Community College, where 85% of the math enrollment is online. He was department chair from 1995-2010. He developed and taught Coastline's first online math course in 1999. He was Coastline's Teacher of the Year in 2000. He's been a featured speaker at numerous conferences including American Mathematical Association of Two-Year Colleges (AMATYC), International Conference on Technology in Collegiate Mathematics (ICTCM), National Council of Teachers of Mathematics (NCTM), California Mathematics Council of Community Colleges (CMC3), Instructional Technology Council (ITC) and Orange County Math Council (OCMC). He's currently Chair of the AMATYC Innovative Teaching and Learning Committee (ITLC). He's interested in technology and social media in higher education.

Location: Auditorium, Lower Level Room 30

11:20am to 12:30pm

**Keynote Speaker:
Fred Feldon, Coastline Community College**



***Give It All You Got:
Break Away from the 3R's to the 3C's***

Chuck Mangione wrote this instrumental, the official theme of the 1980 Winter Olympics. He wanted to celebrate the focus and effort of Olympian athletes. In a similar manner, Fred is hoping to inspire everyone to break away from traditional practices in higher education. College teaching is no longer about the lecture. Community trumps content. Professors need to highlight, motivate, and ignite a shared intellectual endeavor. Teaching mathematics should be all about the 3C's: communication, connectivity and collaboration!

8:30am to 10:00am

Title	Empower students with free and easy to use Microsoft Mathematics 4.0 (hands-on workshop)	Utilizing the Power of Digital Resources to teach Math through Enhanced WebAssign (hands-on workshop)	Making Dynamic Custom Problems in MyMathLab (hands-on workshop)
Presenter	Shubhangi Simhan, LAPC Yoon Yun, LAMC	Ann Gibbons, SBVC Tammi Marshall, GCCCD	Bamdad Samii, LAMC
Description	The Microsoft Mathematics 4.0 is an algebra system in Microsoft Office environment along with a calculator interface. It is free and easy to download and to use in the classroom set up by instructors as well as by students at home or in a computer lab. Students of all levels, beginning algebra to calculus level, can benefit from being exposed to this tool early on. The goal of this workshop is to explore the integration of this software into lesson plans at all levels of math classes. It offers a fully functional graphing calculator with 2D and 3D colorful and dynamic graphing capability in the Microsoft Office environment.	The presentation will show how I utilize the tools in WebAssign. I use WebAssign in traditional, Hybrid and Online courses and I will highlight the various ways of using WebAssign in each of the different settings.	Is the new edition of your text book missing your favorite type of problems? Are the values not as nice you want them to be? Learn how to create your own problems in MyMathLab, make them dynamic by assigning a range of values to the constants, link them to the topics in the study guide, and provide appropriate feed back to your students.
Location	CMS 120, Main Level	CMS 122, Main Level	CMS 126, Main Level
Targeted Population	Never used it before but interested in learning	Have no or some experience but would like to know more	Experienced users that wish to take full advantage of MyMathLab

10:10am to 11:10am

Title	Smart Pen and Pencast Lectures (Presentation)	Three Easy Free Tools: Dropbox, Jing, and Geogebra (Interactive Presentation)	How to Make a Math Video that People Will Want To Watch (Presentation)
Presenter	Susan Vo, LAVC	Benjamin Smith, LAPC	Frank Ives, University of La Verne
Description	How can we bring the lectures from our classrooms to our students' homes? One possible solution is to use the smart pen. The presentation will show how to record such pencast lectures, how to upload them to the portal or embed them in any classroom management system like Etudes, and the possibility to have the lectures transformed to videos with close captions.	These programs are favorites of many for managing their digital lives. Jing makes working with screen captures fast and seamless. Dropbox allows you and/or your colleagues to work on the same files from different computers in a natural way. Geogebra is a powerful tool for geometric constructions and other graphing needs. This presentation will cover installation and use of these gems.	I consider myself a successful YouTuber on my way up the ranks of online educators. I would like the opportunity to share my experiences, what has worked for me and what has not. The talk will include but is not limited to the length of a video, limit of topics in a video, targeting and understanding the audience, personalization of YOUR video. Presentation is as important as content; editing techniques are important.
Location	CMS 120, Main Level	CMS 122, Main Level	CMS 126, Main Level

11:20am to 12:30pm

Keynote Speaker: Fred Feldon, Coastline Community College

***Give It All You Got:
Break Away from the 3R's to the 3C's***

Location: Auditorium, Lower Level Room 30

12:30pm to 1:30pm

Lunch provided by LAMC Culinary Arts

Tomato & Cucumber Salad: Tomatoes, Cucumbers, Italian Parsley, Red Onions, Lemon-Cayenne Vinaigrette

Spinach Salad: Julienne Carrots, Strawberries, Caramelized Walnuts, Bleu Cheese, Honey Balsamic Vinaigrette

Grilled Salmon With Tomato-Fennel, White Wine Sauce; Baked Breast of Chicken Stuffed with Spinach, Mushrooms, Tarragon sauce; Vegetarian Lasagna;

Eggplant Parmesan

Seasonal Steamed Vegetables, Parmesan Cheese Whipped Potatoes, Persian Style Basmati Rice, Rolls & Butter

Coffee, Tea, and water available all day; Iced Tea, Lemonade for lunch

Dessert: Classic Tiramisu, Chocolate Covered Strawberries, Cheese Cake Mousse, Assorted Cookies

Location: Lower Level Entrance

1:30pm to 3:30pm

1:30pm to 3:30pm

Title	Getting Started with Mathematica (hands-on workshop)	Enhance your teaching by creating videos using Camtasia Studio 8 (hands-on workshop)
Presenter	Ryan Yamada, LAMC	Tigran Mkrtchyan, LAMC Carole Akl, LAMC
Description	So now that you have downloaded this "Mathematica" gizmo, how do you go about using it? And, more importantly, how can your students benefit from it? This workshop will start from square one, showing how to use Mathematica for the very first time and how to begin creating Mathematica demonstrations that will engage your students and get them involved in the learning process.	Come and learn how to record, edit, produce and share videos. We will go over the following features of Camtasia: zoom and pan, transitions, markers, hyperlinks, table of content and closed captioning. In closing, we will talk about uploading the videos to Screencast or YouTube. Come and participate in this hands-on workshop to learn how to make your presentations more appealing!

1:30pm to 2:30pm

Title	Using Clickers to Engage Students in the Classroom (Interactive Presentation)
Presenter	Luz Shin, LAVC Scarlet Khodagholian, LAVC
Description	Using clickers in teaching mathematics engages students and promotes active learning. With carefully designed questions, clickers enable instructors to conduct classroom assessment by polling their students' understanding of the course material. Clickers are easy to use but why don't instructors use them more often? LAVC Math Department through its STEM grant is compiling clicker resources to make them available for any instructor to use. A collection of questions from different math

					courses will be presented for comments and suggestions.
Location	CMS 120, Main Level	CMS 122, Main Level		Location	CMS 126, Main Level
Targeted Population	Never used it before but interested in learning Have experience in using PowerPoint and Words	Never used it before but interested in learning Have experience in very basic programming concept		Targeted Population	Never used it before but interested in learning No experience is required

2:40 to 3:40 pm

Title	Conceptual Understanding of Statistics thought technology (Interactive Presentation)
Presenter	Dr. Monica Dabos, UCSB
Description	This presentation will show you how to use free available technology to aid your statistics teaching so that students are engaged and develop intuitive and conceptual understanding of difficult concepts like Sampling Distribution.
Location	CMS 126, Main Level
Targeted Population	Never used it before but interested in learning No experience is required

Special thanks to LAMC Information Technology and Plant Facilities for the setup and logistic of this Mini-Conference.

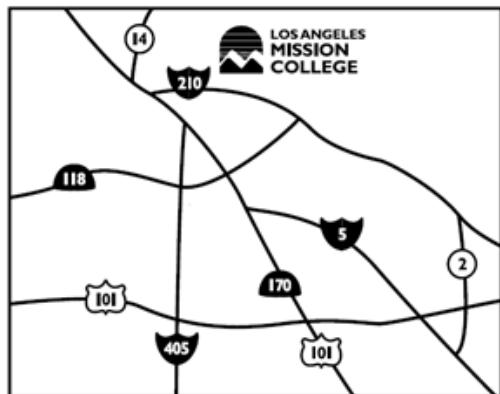
*Los Angeles Mission College
13356 Eldridge Avenue, Sylmar, CA 91342*

Direction to the Main Campus:

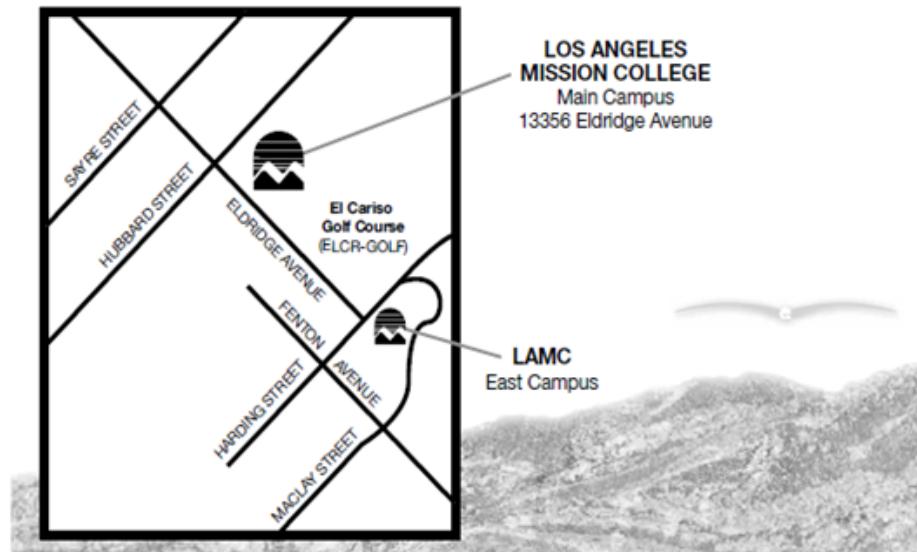
<http://maps.google.com/maps?q=los+angeles+mission+college&hl=en&ll=34.318026,-118.418884&spn=0.008968,0.017188&hq=los+angeles+mission+college&t=m&z=16&iwloc=A>

Direction to the conference site → East Campus, Center of Mathematics and Science (CMS)

<https://sites.google.com/site/cmsmaps>



Conference Site (East Campus)



*Exit Hubbard Street from 210W, turn right or from 210E, turn left —→ Make a right turn on Eldridge Avenue —→
Pass the Main Campus parking entrance on your left —→ Drive all the way down —→ The CMS entrance is directly ahead
—→ Follow the downward curve of the drive way —→ Park behind the building —→ Walk to the lower main entrance*