

# **WELCOME to Fall 2009 at LAVC!**

Math 267 (Calculus with Analytic Geometry III) Section # 1437

MTWTh 8:15 – 9:25 am, MS 101

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## **As you enter:**

- Please sign in by writing your initials by your name. If your name is not on the sign-in sheet, please write your name legibly on the blank space, and initial on the appropriate date. Those who need an add slip will be given one, if they come to the next class meeting.
- Pick up a syllabus and an index card. Fold the card so that it will stand on your desk. Write your first name on the card in BIG BOLD letters, then add your last name and major in smaller print. Read the syllabus until the class starts.

## **The course in a nutshell:**

- Covers five chapters
- There will be five chapter exams plus a comprehensive final
- Calculator allowed (except TI-89) for exams
- There will be five group quizzes
- Homework should be turned in on due date
- There will be regular class work and graded group work

**Today's to do list:** August 31, 2009

- See screen for instruction for sign-in sheet, syllabus and card.
- Introductions
- Go over syllabus and timeline
- Lecture
  - ❖ Intro to Chapter 14: Vectors and Surfaces
  - ❖ Section 14.1 Vectors in Two Dimensions
    - Class Work:
      - ❖ <http://www.youtube.com/watch?v=pimr9I92GZY>
      - ❖ <http://www.youtube.com/watch?v=odhAVmAahb4>
      - ❖ <http://www.youtube.com/watch?v=6GoMXuE1FOw>
      - ❖ [http://www.youtube.com/watch?v=PxCx1sl\\_YwY&feature=SeriesPlayList&p=4C4C8A7D06566F38](http://www.youtube.com/watch?v=PxCx1sl_YwY&feature=SeriesPlayList&p=4C4C8A7D06566F38)
- Interest Inventory: On the back of your index card, please answer the following questions:
  1. Why are you taking this course?
  2. What has a teacher done in the past that helped you learn mathematical concepts more effectively?
  3. If your song is played when you entered the room, what would that song be?
  4. Is there anything else that you want me to know about you and your learning style?
- Turn in the completed index card

**Looking ahead:**

- HW on 14.1 # 1 – 43 due on Wed., September 2, 2009
- Tomorrow's lesson is Vectors in Three Dimensions: Bring your artistic side and your imagination!
- GW #1 on sections 14.1-14.3 on Thursday, September 3, 2009
- Labor Day Holiday on Monday, September 7, 2009
- Last day to process add slip on Friday, September 11, 2009