LOS ANGELES MISSION COLLEGE

Computer Science 401

Syllabus – Fall 2013, All On Campus Sections #0184, #3099, #3100

Student Learning Outcomes

Students will at the completion of the course be able to:

Perform a system analysis of a typical business problem by applying the appropriate analytical methods, formulating a response, summarizing the results and presenting the completed model according to best business practices.

OBJECTIVES

Upon successful completion of this course, the student will be able to:

- 1. Define the functions of the major elements of a computer system.
- 2. Decide what type of computer to obtain for a given company and what associated peripherals and software will be required for this computer.
- 3. Operate a PC.
- 4. Do fundamental Windows operations on the PC.
- 5. Start learning common application programs. Printouts from the MS Word Project, the Excel Project, the Access Project and the Power Point project in the Lab Book are worth a <u>Total of 5 Points</u> when turned in to the Instructor.
- 6. Construct a flowchart.
- 7. Understand basic programming techniques, and create and use simple programs using the language Visual Basic.

DETERMINATION OF GRADE

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Tests:

Test #1 Windows written test	5%
Test #2 Windows hands on test	10%
Test #3 Chapters 1 - 6	20%
Test #4 Chapters 7 - 10	25%
Test #5 Hands on programming test	10%
Lab Manual Printouts Objective # 5 above	5%
Graded Programming assignments #1 and #2	5% (2.5% each)
Graded Programming assignments #3	5%
Final Paper	15% (The Final is a 5 to 10 page paper)

Attendance:

Attendance will be taken every class meeting. Each two classes missed will result in a 1 point deduction from your grade.

Grading Scale:

A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = < 60

MATERIALS

These two books **required** are:

- 1. <u>Discovering Computers</u> 2012 <u>Complete</u> Shelly Vermaat ISBN-10: 1-285-08283-4 or 2010
- 2. Office 2007 Essential Concepts and Techniques Shelly Cashman (Lab Manual) ISBN-1418843748
- 3. You **must** have your **own** Flash Drive for Lab Assignments and Hands on Tests
- 4. You should have a print card for use in the lab. Unfortunately, due to budgetary considerations we can no longer offer free printing to our Computer Science students in our lab.

INSTRUCTOR: Paul Kubicki

Contact Information: (818) 364-7742 or Email - kubickpc@lamission.edu or my faculty web page on the college web site at

www.lamission.edu

Office Hours: Monday and Wednesday 7:15 am to 8:15 am & Tuesday 7:15 – 9:15 am

Monday and Tuesday night 4:15- 5:45 pm

(Office Hours are Held In the Computer Lab Room 2009) or by appointment.

Final Exam dates and times- Section #0184, 12/9/13, 7:30-9:30am, Section #3099, 12/9/13, 5:30-7:30pm, Section #3100, 12/10/13, 5:30-7:30pm