LOS ANGELES MISSION COLLEGE
Computer Science 401
Syllabus – Spring 2014
All On Campus Sections #0188, #3193, #3194

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 Total of 5 Points when turned in to the Instructor.**
6. Learn the elementary Logic Control Structures used in all Programming Languages and Construct a flowchart.
7. Understand basic programming techniques, and create and use simple programs using the language Visual Basic.

DETERMINATION OF GRADE
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. It is an IT Proposal for a Corporate Technology Solution. It is a take home exam.)

Attendance:
Attendance will be taken every Class meeting **and** Lab session. It is expected that all will adhere to the Student code of Conduct.
Grading Scale:
A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = < 60

MATERIALS

These two books **required** are:
1. **Discovering Computers** 2012 **Complete** – Shelly Vermaat **ISBN- 1-285-08283-4**
2. Office 2007 Essential - 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. You may obtain them at the Book Store or the LRC.
5. You **will need a 3 Ring binder** to hold 100 pages of Programming Assignment handouts that you will receive in class.

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 through Thursday 7:15 am to 8:15 am
Monday and Tuesday night 4:15- 5:40 pm
(Office Hours are Held In The Computer Lab Room 2009) or by appointment.
Final Exam dates and times- Section #0188, 6/9/14, 7:30-9:30am, Section #3193, 6/9/14, 5:30-7:30pm, Section #3194, 6/3/14, 5:30-7:30pm

Computer Science classrooms and Laboratories are ADA compliant.