

COURSE IMPLEMENTATION DATE: January 1998  
 COURSE REVISED IMPLEMENTATION DATE: September 2010  
 COURSE TO BE REVIEWED: January 2014  
*(four years after UPAC approval)* (month, year)

**OFFICIAL UNDERGRADUATE COURSE OUTLINE INFORMATION**

Students are advised to keep course outlines in personal files for future use.  
 Shaded headings are subject to change at the discretion of the department – see course syllabus available from instructor

<b>COMP 315</b>	<b>Computer Information Systems</b>	<b>3</b>
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS
	<b>Computer Simulation and Modeling</b>	
	COURSE DESCRIPTIVE TITLE	

**CALENDAR DESCRIPTION:**

This course will provide students with additional experience in problem solving within a computer environment. Problems will be drawn from the application of quantitative analysis to decision making, including linear programming, and network, inventory, queuing, and simulation models. Emphasis will be placed on the formulation and analysis of various models using the computer to implement solutions.

PREREQUISITES: MATH 111, MATH 113, MATH 115 or MATH 125. Acceptance to CIS degree program.

**As of September 2011, prerequisites will change to the following:**

45 university-level credits, one COMP course numbered above 100, and one of the following: MATH 106 with C+ or better; MATH 104 with B+ or better; MATH 270; or BUS 301.

COREQUISITES:  
 PRE or COREQUISITES:

**SYNONYMOUS COURSE(S):**

- (a) Replaces: \_\_\_\_\_
- (b) Cross-listed with: \_\_\_\_\_
- (c) Cannot take: \_\_\_\_\_ for further credit.

**SERVICE COURSE TO:** *(department/program)*

**TOTAL HOURS PER TERM:** 45

**STRUCTURE OF HOURS:**

Lectures: 45 Hrs  
 Seminar: \_\_\_\_\_ Hrs  
 Laboratory: \_\_\_\_\_ Hrs  
 Field experience: \_\_\_\_\_ Hrs  
 Student directed learning: \_\_\_\_\_ Hrs  
 Other (specify): \_\_\_\_\_ Hrs

**TRAINING DAY-BASED INSTRUCTION:**

Length of course: \_\_\_\_\_  
 Hours per day: \_\_\_\_\_

**OTHER:**

Maximum enrolment: 35  
 Expected frequency of course offerings: Once per year  
*(every semester, annually, every other year, etc.)*

WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only)  Yes  No  
 WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department)  Yes  No  
 TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:  Yes  No

Course designer(s): <u>Edward Lo</u>	Date approved: <u>March 27, 2009</u>
Department Head: <u>Ora Steyn</u>	Date of meeting: <u>November 6, 2009</u>
Supporting area consultation (Pre-UPAC)	Date approved: <u>March 26, 2009</u>
Curriculum Committee chair: <u>Edward Lo</u>	Date approved: <u>January 18, 2010</u>
Dean/Associate VP: <u>Dan Ryan</u>	Date of meeting: <u>January 29, 2010</u>
Undergraduate Program Advisory Committee (UPAC) approval	

