



Flow up of implementation cell pass play

Course Instructor	Professor Dr. Dhahir Abd Al-Hadi Abdullah				
E-mail	dhahair@yahoo.com				
Title	Simulation and Modeling				
Course Coordinator					
Course Objective	The course aims to teach the students basic techniques of				
Course Description					
Textbook	<ol style="list-style-type: none"> 1. Mathematical Modeling and simulation, Daniel P. Maki, and Maynard Thompson, Brooke Cole, 1st edition, 2005. 2. Theory of Modeling and Simulation, Bernard Phillip Zeigler, Tag Gon Kim, and Herbert Prachofer, Academic Press Inc., 2nd edition, 2000. 				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(40%)		As(10%)	-	As (50%)
General Notes					

Republic of Iraq

بسم الله الرحمن الرحيم

University: Diyala

College: Science

Department: Computer Sc.

Stage: Third

Lecturer name: Dr. Dhahir Abd.A.

Qualification: Professor

Place of Work: Diyala

university College: Science college

The Ministry of Higher Education &
Scientific Research



Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	28/1/2015	Introduction to modeling		
2	4/2/2015	Curve fitting (linear, logarithmic		
3	11/2/2015	Curve fitting (exponential, polynomial)		
4	18/2/2015	Scope of Simulation		
5	25/2/2015	Types of Simulation (Next event scheduling		
6	3/3/2015	Types of Simulation (Activity scanning)		
7	10/3/2015	Types of Simulation (Three process orientation method):		
8	17/3/2015	Random numbers		
9	24/3/2015	Random variable		
10	31/3/2015	Gathering observations (Concepts, Replication method)		
11	7/4/2015	Problem (1); Auto-speed control motor		
12	14/4/2015	Problem (2); Auto-drive train		
13	28/4/2015	Problem (3); Auto-drive		
14	5/5/2015	Tutorial (1).		
15	12/5/2015	Tutorial (2).		

26/5/2015

Instructor Signature:

Dean Signature: