



### Flow up of implementation cell pass play

Course Instructor	Ass. Prof Naji Mutar				
E-mail	Naji_alsahab@yahoo.com				
Title	Numerical Analysis Methods				
Course Coordinator					
Course Objective	Knowledge and performance of numerical analysis methods and a good knowledge in working with Matlab.				
Course Description					
Textbook	Applying numerical analysis methods by using Matlab				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(30%)	As(10%)	As(10%)	-	As (50%)
General Notes					

Republic of Iraq

بسم الله الرحمن الرحيم

University: Diyala

College: Science

Department: Computer Sc.

Stage: Second

Lecturer name: Naji Mutar

Qualification: Ass.Prof.

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	1/10/2014	Programing Using Matlab.		
2	8/10/2014	Error Analysis		
3	15/10/2014	Absolute and Relation error,		
4	22/10/2014	Truncation and Round of error.		
5	29/10/2014	Solution of non-linear equation:		
6	5/11/2014	Bisection method		
7	12/11/2014	Fixed point method		
8	19/11/2014	Raphson method و Newton		
9	26/11/2014	Special cases of Newton Raphson .Method.		
10	3/12/2014	Secant Method		
11	10/12/2014	False position Method		
12	17/12/2014	Interpolation and polynomial approximation:		
13	24/12/2014	Lagrange Method		
14	31/12/2014	Newton Forward		
15	7/1/2015	least square Algorithm		

Instructor Signature:

Dean Signature: