



### Flow up of implementation cell pass play

Course Instructor	Rajaa Ahmed Ali				
E-mail	Rajaaahmed52@yahoo.co.uk				
Title	Language Translator I				
Course Coordinator					
Course Objective	Understanding and using basic concepts and algorithms for compiling programming languages				
Course Description	Algorithms for understanding compiler phases				
Textbook	Principles of compiler design				
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: Third

Lecturer name: Rajaa Ahmed Ali

Qualification: Assist Lecturer

Place of Work: Diyala

university College: Science college

The Ministry of Higher Education &  
Scientific Research



## Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	1/10/2014	Introduction to compiling		
2	8/10/2014	The phases of the compiler		
3	15/10/2014	Lexical analysis		
4	22/10/2014	Specification of tokens		
5	29/10/2014	Recognition of tokens		
6	5/11/2014	Finite automata		
7	12/11/2014	Introduction Symbol tables		
8	19/11/2014	Parsing		
9	26/11/2014	Context - free grammar, parse tree		
10	3/12/2014	derivation		
11	10/12/2014	ambiguity		
12	17/12/2014	Elimination of left recursion, left factoring a grammar		
13	24/12/2014	Shift reduce parsing		
14	31/12/2014	Operator – precedence parser		
15	7/1/2015	Top-Down parsing		

Instructor Signature:

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