

Dept Number	CS 512	Course Title	Declarative Programming							
Semester Hours	3	Course Coordinator	Shahram Rahimi							
Catalog Description	An advanced level course on non-procedural programming with emphasis on logic programming, pure functional programming, and the characteristics of the declarative style common to these two paradigms. Topics include logic programming, functional programming, implementation consideration for each along with current research topics in the areas.									
Textbooks										
References										
Course Learning Outcomes										
Assessment of the Contribution to Program Outcomes										
Outcome →	1	2	3	4	5	6	7	8	9	10
Assessed →	X	X	X		X					
Prerequisites by Topic										
CS 311.										

CS 512	Declarative Programming	Page 2
Major Topics Covered in the Course		
<ol style="list-style-type: none"> 1. Introduction 2. Logic programming 3. Functional programming 4. Conclusion: Discussion on above component including parallelism in very high level languages 		