

Course Number	CS 512	Course Title	Declarative Programming				
Semester Hours	3	Course Coordinator	Norman Carver				
		FA20					
Catalog Description	An advanced level course on nonprocedural 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 Student Outcomes							
Outcome →	1	2	3	4	5	6	7
Assessed →	X	X	X		X		
Prerequisites by Topic							
CS 311.							

Major Topics Covered in the Course

1. Introduction
2. Logic programming
3. Functional programming
4. Conclusion: Discussion on above component including parallelism in very high level languages