COSC 118 Introductory Scientific Programmiesting of Python programs ill be the ce

ourse.(Three hours lecture and twohours lab per wek)

: "Starting Out With Python", by Tony Gaddis, Pearson, Addison Wesley, 4th Edition.

cs	Weeks
An Introduction to Computers	
ntroduction to the basic programming concepts.	1.0
Problem Solving	
ntroduction to the software life cycle, program design, and programming tools.	1.0
Fundamentals of Programming	
rol structures, event-driven programming, numerical calculations, string manipulation,	
and Output.	1.0
Procedures	
tions, parameter passing and Modular Design.	1.0
Branching	
cal operations, If blocks and case structures.	1.0
Repetition	
s and using repetition to process data.	2.0
Arrays o Tw	
o Tw 3.20)Tj(Programming)-2hMC /e c5i ÿ|ĝí⸮NⁱꞐꝐObject Oriented	
to classes and instances	1.0
Py, MatPlotLib, and Modules	
to Modern Scientific Python Modules	

Exams/Projects	3.0
	14.0