

## Programming 2

Basic Course Information			
<b>Course Number</b>	2009596	<b>Subject Category</b>	Compulsory (C)
<b>Class Format</b>	Lecture	<b>Credit Type and Number of Credits</b>	1
<b>Department</b>	Computer	<b>Student Category</b>	Year 1
<b>Period of Study</b>	Semester 2	<b>Classes per Week</b>	2
<b>Required Materials</b>	Materials will be uploaded on google Classroom		
<b>Instructor</b>	Prasad, Tirupatirundam (Sourin@post.ou.edu)		

**Course Objective**  
 This course intends to introduce and help students to understand how to write program by using Python. This course will be introduced as simple as possible in order to give more general understanding about Functions, File Input/Output, Modules, Exceptions, and User Interface.

Evaluation/Rubric	Ideal Level of Achievement (Very Good)	Standard Level of Achievement (Good)	Unacceptable Level of Achievement (Fail)
Understanding the Functions, modules, exceptions, and User Interface of Python programming.	Demonstrates very good knowledge and understanding of the Functions, modules, exceptions and User Interface of Python programming.	Demonstrates good knowledge and understanding of the Functions, modules, exceptions and User Interface of Python programming.	Lacks the appropriate knowledge and understanding of the Functions, modules, exceptions and User Interface of Python programming.
Understanding how to solve the drift-problem at the exercise task.	Demonstrates very good knowledge and understanding of how to solve the drift-problem at the exercise task.	Demonstrates good knowledge and understanding of how to solve the drift-problem at the exercise task.	Lacks the appropriate knowledge and understanding of how to solve the drift-problem at the exercise task.
Understanding how to summarize basic knowledge and apply to make simple application by using Python.	Demonstrates very good knowledge and understanding of how to summarize basic knowledge and apply to make simple application by using Python.	Demonstrates good knowledge and understanding of how to summarize basic knowledge and apply to make simple application by using Python.	Lacks the appropriate knowledge and understanding of how to summarize basic knowledge and apply to make simple application by using Python.

**Relationship with Learning Outcomes**

**LO1 Ability to operate and administer the computer software and hardware**

**LO2 Ability to understand the operating system and to develop software to solve specific problems.**

**Please change**

Teaching Method	
<b>Outline:</b>	Lecture, Practice and group work.
<b>Class Format:</b>	Lecture
<b>Please Note 1</b>	Contents can be adjusted depending on the situation

Course Plan	Semester 2	Contents and Method of Course	Goals	Related MCC
1st week		Review of Programming 1 Functions (Online)	Review of topics from last semester that related to the subject.	V-D 1-6
2nd week		Functions (Online)	Can explain Functions	V-D 1-6
3rd week		Functions	Can explain Functions	V-D 1-6
4th week		Modules	Can explain Modules	V-D 1-1
5th week		Modules	Can explain Modules	V-D 1-1
6th week		Modules	Can explain Modules	V-D 1-3
7th week		Prepare for MidtermExam	Prepare for MidtermExam	
8th week		MidtermExam	MidtermExam	
9th week		MidtermExam	MidtermExam	
10th week		Exception	Can explain Exception	V-D 1-4
11th week		Exception	Can explain Exception	V-D 1-4
12th week		File Input/Output	Can explain File Input/Output	
13th week		File Input/Output	Can explain File Input/Output	
14th week		No class (School Event)	No class (School Event)	
15th week		GUI	Can explain GUI	
16th week		GUI	Can explain GUI	
17th week		GUI	Can explain GUI	
18th week		Prepare for FinalExam	Prepare for FinalExam	
19th week		FinalExam	FinalExam	
20th week		Return Exam Papers and Feedback	Return Exam Papers and Feedback	

<b>Basic Ability</b>	<b>Exam/Quiz</b>	<b>Quiz</b>	<b>Midterm Examinations</b>	<b>Report</b>	<b>Portfolio</b>	<b>Other</b>
Technical Ability	0					
Electrical/Electronic Ability						