HANDONG UNITWIN FELLOWSHIP

SYLLABUS

Lecturer's Information	
Name	Alisher Ismailov
University	Andijan branch of Tashkent Financial Institute

Course Information			
Course Name	Python programming language	Prerequisite Course	Programing languages
Course Date	2023-02-20 ~ 2023-05-30	Course Language	Uzbek
Keyword	python, programming, OOP, class, function, array		

Course Description (100 ~200 words)	This course will focus on teaching students the fundaments of python programming language. using this course the students will able to learn from creating a python programming environment, variables, data type, functions, list, set, tuple, function, classes. it will be in plain uzbek language. So students can learn very easyly. And this is majority of practice which means students will apply their theoritcal knowledge into practice almost immediately.
Course Goals and Objectives (Approximately 100 words)	Main objectives of this course is to prepare Python programming language materials in Uzbek language. these are other important objectives of this course: To create python programming environment To learn and use python variables To learn python data type To learn python conditions (if..else) To learn loops To learn functions To OOP working on class and objectives To learn to work with files in python programming language
Textbook	**(The format : Title, Author/Editor, Publisher, Year of Publication)** 1) Mastering Object-Oriented Python: Build powerful applications with reusable code using OOP design patterns and Python 3.7, 2nd Edition, Steven F. Lott, Packt Publishing (June 14, 2019) 2)Learning Python, 5th Edition Fifth Edition, Mark Lutz , O'Reilly Media, June 12, 2013 3) Python Programming for Beginners: The Ultimate Guide for Beginners to Learn Python Programming: Crash Course on Python Programming for Beginners, AMZ Publishing, Independently published (July 13, 2021)
References	1)https://www.python.org/ 2) https://www.w3schools.com/ 3) https://www.codecademy.com/catalog/language/python 4)https://realpython.com/
Course Requirements and Grades	Mode of Assessment: Tests and / Assignments 30% Final examination 70% Total 100%

Weekly Schedule		
Week	Main Topics	Keywords
1	Python programming environment	introduction to Python programming, computer emvironment
2	Python variables, data type, comments	how to use python variables, python datatype, python comment
3	Python string	how to use python programming string, string functionalities
4	Python operators	how to use python programming operators
5	Python lists, tuple	python programming lists and tuple
6	Python dictionary, sets	how to us python programming dictionary and sets
7	Python If ... Else	how to use python programming if..else conditions
8	Python loops	how to use python programming loops
9	Python functions	how to use python programming functions
10	Python Classes and Objects	how to use python programming classess and objects
11	Python Try...Except, Python User Input	how to use python programming exceptions and user input
12	Python File input/output	how to use file input and output
13		
14		
15		
16		