

Module (Course Syllabus) Catalogue

2021-2022

College/ Institute	Koya Technical Institute	
Department	Business of Administration department /Taq taq-Morning Evening	
Module Name	Introduction of statistics	
Module Code	STP105	
Degree	Technical Diploma <input checked="" type="checkbox"/>	Bachelor <input type="checkbox"/>
	High Diploma <input type="checkbox"/>	Master <input type="checkbox"/> PhD <input type="checkbox"/>
Semester	First	
Qualification	M.Sc. in Community health Nursing	
Scientific Title	Lecturer	
ECTS (Credits)	8	
Module type	Prerequisite <input type="checkbox"/>	Core <input checked="" type="checkbox"/> Assist. <input type="checkbox"/>
Weekly hours	6	
Weekly hours (Theory)	(1)hrs Class	(3)Total hrs Workload
Weekly hours (Practical)	(2)hrs Class	(2)Total hrs Workload
Number of Weeks	12	
Lecturer (Theory)	Fatih Qadir Khurshid (07518515304)	
E-Mail & Mobile NO.	Fatih.khurshed@epu.edu.iq	
Lecturer (Practical)	Dalal Ibrahim	
E-Mail & Mobile NO.		
Websites		

Course Book

Course name	Introduction of statistics
Lecturer in charge	Fatih Qadir Khurshed
Department	Business of administration
Contact	e-mail: fatih.khurshed@epu.edu.iq mobile phone: +9647518515304
Time (in hours) per week	Theory: (4 hour) 2 Lectures
Teacher's academic profile	<p>Education: MS.c Degree in Applied Mathematic in university international xarkov in the Ukraine Bachelor degree in mathematic in the university sulimani in Iraq</p> <p>Skill and Qualifications:</p> <ol style="list-style-type: none"> 1. Computer Programming Language: Microsoft Office (Word, Excel, Power Point and Outlook and Database). 2. Language: Native Kurdish, Fluent English, Intermediate Arabic. And language Russian 3. Studying Methods of Teaching: From Institute Erbil polytechnical
Keywords	Statistics Notation, Data, Charts, mean and Variance, Sample space, events, Factorial, Probability Function, Conditional Probability, Probability Distribution Prerequisites
Form of Teaching	Using Google class room
Course Overview	Statistics, types of data and chart, Conditional and Distribution Prerequisites Probability.

Statistics Notation, Data, Charts, Median and Mod, mean and Variance, Sample space, events, Factorial, Permutation, Combinations, Probability Function, Conditional Probability, Mathematical Expectation, Probability Distribution Prerequisites

Course Objective:

The aims of this course are:

- 1) To knowing and understanding every kinds of Data.
- 2) To learning how to find Median, Mod, Mean and Variance.
- 3) To introduce the Probability Conditional.

Course Content

The topics	Lectures
Course book	
Chapter One: Statistics	
Statistics Notation	1
Chapter Two: Data	
Types of data and Frequency distribution and Chart	1
Mean and type of Mean	1
Median and Mode	1
Chapter Three: Measure of dispersion or Variation	
The Range and the mean Division and Variance and standard division	1
Measure of Kurtosis and Coefficient of Variation	1
Chapter Four: Probability	
Sample space, events and Factorial ,Permutations and Combinations	1
Probability Function and Conditional Probability	1

References:

1. Statistical Methods in Experimental Physics (2 nd Edition), by Frederick James (Hardcover - Nov. 29, 2006).
2. Probability and Statistics in Particle Physics, by A. G. Froedesen, D. Skjeggestad and H. Tøfte, (Hardcover, 1979 – out of print...).
3. Statistics for Nuclear and Particle Physicists, by Louis Lyons (Paperback, 1989).
4. Probability and Statistics for Engineering and the Sciences, Enhanced Review Edition by Jay L. Devore, (Hardcover - Jan. 29, 2008).
5. Probability and Statistics [PROBABILITY & STATISTICS 3 -OS] by Morris H.(Author) ; Schervish, Mark J.(Author) DeGroot, (Paperback - Jan. 31, 2002).
6. Statistical Data Analysis (Oxford Science Publications), by Glen Cowan, (Paperback)
7. Data Analysis for Scientists and Engineers, by Stuart L. Meyer (Paperback).
8. Schaum's Outline of Probability and Statistics, 3/E (Schaum's Outline Series) by Murray Spiegel, John Schiller, and R. Alu Srinivasan, (Paperback - Aug. 26, 2008).