

Kurdistan Region Government

Ministry of Higher Education and Scientific Research

Erbil Polytechnic University

**Module (Course Syllabus) Catalogue**

**2021-2022**

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| **College/ Institute**  | **Koya Technical Institute** |
| **Department** | **Administration of business department/Taqtaq-Morning Evening** |
| **Module Name** | **Introduction of statistics**  |
| **Module Code** | **STP--WEM203** |
| **Degree** | **Technical Diploma Bachelor High Diploma Master PhD****Course Objective:**The aims of this course are:1) To knowing and understanding every kinds of the Functions.2) To learning how to find limits and continuity of the functions.**Course Content**

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| **The topics** | **Lectures** |
| ***Chapter One:*** Sets |  |
| Sets and Numbers and Order relation in real number | 1 |
| Inequalities | 2 |
| ***Chapter Two:*** Functions |  |
| Functions and Classification of the Function | 2 |
| Graph of the Function and Operation of the Function | 2 |
| ***Chapter Three:*** Limits and Continuity of the Functions |  |
| limits | 2 |
| Continuity of the Functions | 1 |

**References:**1. Thomas G.B. Thomas’s calculus, 11th edition 2004.
2. Thomas’ calculus, 11th edition 2005.
3. Salas, Saturnino L. calculus, 10th edition 2007.
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| **Semester** | **First** |
| **Qualification** | **M.Sc. in applied mathematics**  |
| **Scientific Title**  |  **Lecturer** |
| **ECTS (Credits)** | **3** |
| **Module type** | **Prerequisite Core Assist.**✔ |
| **Weekly hours** | **6** |  |
| **Weekly hours (Theory)** | **( 3 )hrs Class** | **( 3 )Total hrs Workload** |
| **Weekly hours (Practical)** | **3 )hrs Class** | **3 )Total hrs Workload** |
| **Number of Weeks** | **12** |
| **Lecturer (Theory)** | **Fatih qadeer khurshed (07518515304)** |
| **E-Mail & Mobile NO.** | **Fatih.khurshed@epu.edu.iq** |
| **Lecturer (Practical)** |  |
| **E-Mail & Mobile NO.** |
| **Websites**  |  |

Course Book

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| **Course name** | Mathematic  |
| **Lecturer in charge** | Fatih Qadir Khursheed  |
| **Department** | Information Technology |
| **Contact** | e-mail: fatih.khurshed@spu.edu.iqmobile phone: +9647518515304 |
| **Time (in hours) per week**  | Theory: ( 4 hour) 2 Lectures |
| **Teacher’s academic profile** | Education:MS.c Degree in Applied Mathematic in university international xarkov in the UkraineBachelor degree in mathematic in the university sulimani in Iraq Skill and Qualifications:1. Computer Programming Language: Microsoft Office (Word, Excel, Power Point and Outlook and Database).

 1. Language: Native Kurdish, Fluent English, Intermediate Arabic. And language Russian
2. Studying Methods of Teaching: From Institute Erbil polytechnical
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| **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:**

In order to achieve this aim, the course has a set of objectives. Each unit has specific objectives which are included at the beginning of the unit. You are expected to read these objectives before you study the unit. You may wish to refer to them during your study to check on your progress. You should always look at the unit objectives after completion of each unit. By doing so, you would have followed the instructions in the unit. Below are the comprehensive objectives of the course as a whole. By meeting these objectives, you should have achieved the aim of the course. Therefore, after going through this course you should be able to:

**Course Content**

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| **The topics** | **Lectures** |
| ***Chapter One:*** Define the Internet |  |
| Differentiate between the Internet and the World Wild Web | 1 |
| Describe the History of the Internet | 2 |
| List World Wide Web browser software available in this course |  |
| Chapter two : Define HTML | 2 |
| Describe the History of HTML | 2 |
| Explain how HTML works |  |
| Describe markup tag in HTML | 2 |
|  | 1 |

**References:**

Bolter, Jay David (2001). Writing Space: Computers, Hypertext, and the Remediation of Print. New Jersey: Lawrence Erlbaum Associates. ISBN 0- 8058-2919-9. • Buckland, Michael (2006). Emanuel Goldberg and His Knowledge Machine. Libraries Unlimited. ISBN 0-31331-332-6. • Byers, T. J. (April 1987). "Built by association". PC World 5: 244–251. • Campbell-Kelly, Martin; Aspray, William. Computer: A History of the Information Machine. New York: BasicBooks, 1996. • Castro, E. 1998. HTML 4 for the world wide web.Berkeley