



## Module (Course Syllabus) Catalogue 2022-2023

College/ Institute	Khabat Technical Institute	
Department	Information Technology	
Module Name	principle Programing	
Module Code	prp303	
Degree	Technical Diploma <input checked="" type="checkbox"/>	Bachler <input type="checkbox"/>
Semester	High Diploma <input type="checkbox"/>	Master <input type="checkbox"/> PhD <input type="checkbox"/>
Qualification	3	
Scientific Title	M.Sc.IT	
ECTS (Credits)	Assistant Lecturer	
Module type	6	
Weekly hours	Prerequisite <input type="checkbox"/>	Core <input checked="" type="checkbox"/> Assist. <input type="checkbox"/>
Weekly hours (Theory)	4	
Weekly hours (Practical)	( 2 )hr Class	( 3 )Total hrsWorkload
Number of Weeks	( 2 )hr Class	( 1 )Total hrsWorkload
Lecturer (Theory) E-	12	
Mail & Mobile NO.	Didar Rashad Qadr	
Lecturer (Practical)	didar.qadr@epu.edu.iq Didar	
E-Mail & Mobile NO.	Rashad qadr	
Websites	didar.qadr@epu.edu.iq	
	https:// epu.edu.iq	

<b>Course Description</b>	<b>Presents examples of important programming languages and paradigms such as C#. Students write sample programs from c#. The languages are used to illustrate programming language constructs such as binding, binding times, data types and implementation, operations (assignment datatype creation, pattern matching), data control, storage management, parameter passing, and operating environment. The suitability of these various languages for particular programming tasks is also covered.</b>				
<b>Course objectives</b>	<b>To learn c#, Language programming concepts and techniques. To develop the ability to logically plan and develop windows application, web application and mobile application .</b>				
<b>Student's obligation</b>	<b>In this section the lecturer shall write the role of students and their obligations throughout the academic year, for example the attendance and completion of all tests, exams, assignments, reports , essays...etc</b>				
<b>Required Learning Materials</b>	<b>Computer, PowerPoint, Data show and white board</b>				
<b>Evaluation</b>	<b>Task</b>	<b>Weight (Marks)</b>	<b>Due Week</b>	<b>Relevant Learning Outcome</b>	
	Paper Review				
	Assignments	Homework	14		
		Class Activity	2		
		Report	8		
		Seminar	8		
		Essay			
		Project	8		
	Quiz	4			
Lab.					

Directorate of Quality Assurance and Accreditation

	Midterm Exam	16		
	Final Exam	40		
	Total	100		
<b>Specific learning outcome:</b>	<p>The following are the official course goals agreed upon by the faculty for this course:</p> <p><b>Knowledge of, and ability to use, language features used in current programming languages.</b></p> <p><b>An ability to program in different language paradigms and evaluate their relative benefits.</b></p> <p><b>An understanding of the key concepts in the implementation of common features of programming languages.</b></p>			
<b>Course References:</b>	<ol style="list-style-type: none"> <li>1. Microsoft Visual C# Step by Step (8th Edition) (Developer Reference)</li> <li>2. <a href="https://www.w3schools.com">https://www.w3schools.com</a></li> </ol>			
<b>Course topics (Theory and Practical)</b>		<b>Week</b>	<b>Learning Outcome</b>	
Course overview and Introduction		1		
Review programming , algorithm ,flowcharts		2		
Machine language and HIGH LEVEL Language		3		
Variables. Date types. Operators. Functions		4		
Conditional statements ,		5		
Keyword , type casting , user input		6		
Operation		7		
If , for ,		8 -9		
switch , while loop, while		10 – 12		