

Hello!

Thank you for joining me today

Instructor: **El-Sayed Hawas**

Team Leader Developers

Company: Mahony Shipping

Microsoft Certified Trainer

- **Technical Consulting**

- **15+ years of experience in solution and development**

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Microsoft
CERTIFIED
Trainer



مبادرة رواد مصر الرقمية للطلاب والخريجين

120 HRS

TECHNICAL

PROFILES +

**39h Assignment and
Project Work**

24 HRS

ENGLISH

BUSINESS



4

PILLARS



36 HRS

SOFT-SKILLS

PERSONAL SKILLS
FREELANCING SKILLS

UP TO 2 MTH

COACHING

MENTOR TO GAIN
UR FIRST 300 \$



مبادرة رواد مصر الرقمية للطلاب والخريجين



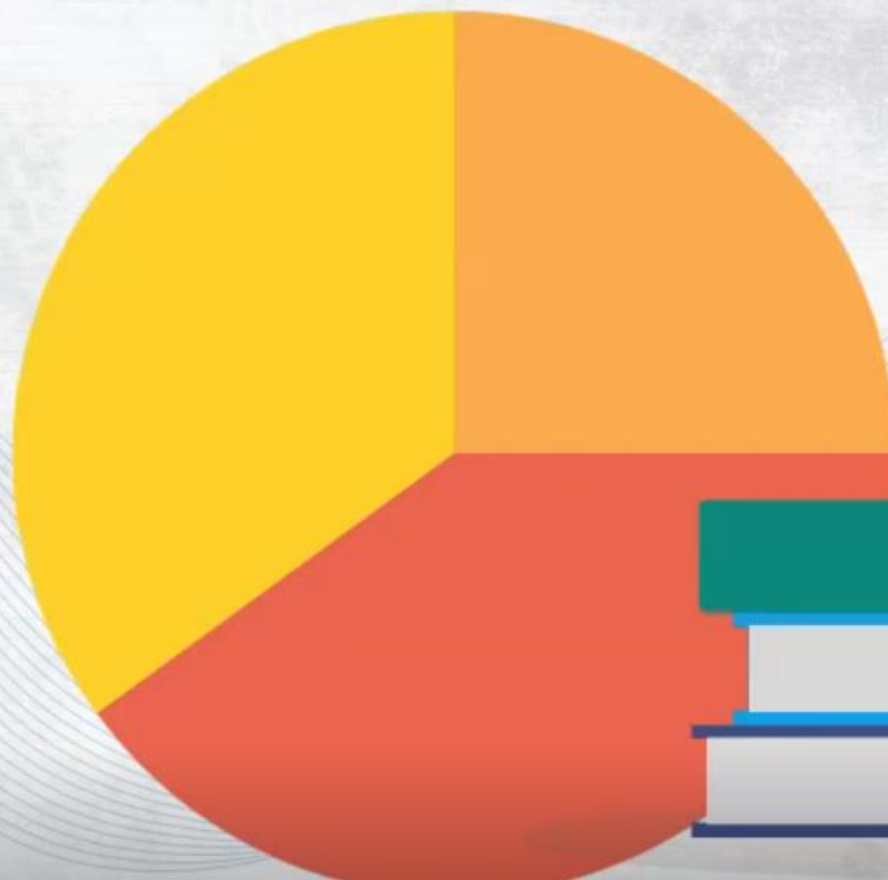
±24h

PHYSICAL



±96h

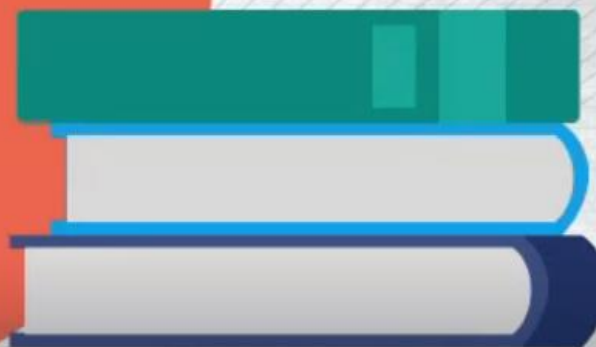
ONLINE



±39h



Assignments /
Projects





مبادرة رواد مصر الرقمية للطلاب والخريجين



To achieve leadership in the field of ICT by building a skilled and innovative workforce that leads the process of full digital transformation locally and regionally.



DEPI Mission

Building and empowering Egyptian youth to enhance their ability to compete globally through a comprehensive program for freelance training and acquiring the digital skills required in the contemporary job market.



DEPI Objectives

- 1. Developing technological pioneers in modern technologies among students and graduates, especially software development pioneers, artificial intelligence, data science, business analysis, cybersecurity, digital arts, and others.**
- 2. Providing the appropriate environment for students and graduates to start their own businesses on freelance platforms.**
- 3. Qualifying students and graduates to join distinguished jobs in the field of information and communications technology.**



First Session Essentials

Schedules

**Profile
Syllabus**

Communication

Schedule
Type

- Students
- Graduates

Physical
Sessions

- Even
- Odd

Full Stack .NET Web Developer

Course Contents
Prompt Engineering
Introduction to SQL Server Programming
Getting Started with Git and GitHub
Programming in C#
Programming in HTML5, JavaScript & CSS3
Functional Documentation & Unit Testing
Containerization basics using Docker
.Net Core Web API
Developing .NET Core MVC Web Applications
Capstone Project

.Net time frame

Course Contents	Hours	Online session	Physical session	Online Hours	Physical Hours	Notes
Prompt Engineering	6	2	1	6	3	Instructor Led
Introduction to SQL Server Programming	15	3	2	9	6	Instructor Led
Programming in C#	21	5	2	15	6	Instructor Led
HTML5 Essentials	9	2	1	6	3	Instructor Led
CSS Essentials	9	2	1	6	3	Instructor Led
JavaScript Fundamentals	9	2	1	6	3	Instructor Led
.Net Core Web API	21	5	2	15	6	Instructor Led
Developing .NET Core MVC Web Applications	18	4	2	12	6	Instructor Led
Getting Started with Git and GitHub	3	1	0	3	0	Instructor Led
Functional Documentation & Unit Testing	3	1	0	3	0	Instructor Led
Containerization basics using Docker	3	1	0	3	0	Instructor Led
Capstone Project	3	0	1	0	3	Instructor Led
Contact Hours	120	28	12	84	36	120
Assignments (Including Project)	39					
Total Hours	159					

Let's get to know each other

Your name

Company affiliation

Title/function

Your experience

Your expectations
for the course





Querying Data with Transact-SQL

About This Course

- Audience
- Course Prerequisites
- Course Objectives
- What You Can Expect

Course Outline

Module 1, "Introduction to Microsoft SQL Server 2016"

Module 2, "Introduction to T-SQL Querying"

Module 3, "Writing SELECT Queries"

Module 4, "Querying Multiple Tables"

Module 5, "Sorting and Filtering Data"

Module 6, "Working with SQL Server 2016 Data Types"

Module 7, "Using DML to Modify Data"

Module 8, "Using Built-In Functions"

- **Module 9,** "Grouping and Aggregating Data"
- **Module 10,** "Using Subqueries"
- **Module 11,** "Using Table Expressions"
- **Module 12,** "Using Set Operators"
- **Module 13,** "Using Windows Ranking, Offset, and Aggregate Functions"
- **Module 14,** "Pivoting and Grouping Sets"
- **Module 15,** "Executing Stored Procedures"
- **Module 16,** "Programming with T-SQL"
- **Module 17,** "Implementing Error Handling"
- **Module 18,** "Implementing Transactions"