

عضو هيئة ITIDA رقم 724625 (هيئة تنمية صناعة تكنولوجيا المعلومات) وزارة الإتصالات و تكنولوجيا المعلومات



ست: 197192 ب. ض. :997-938-413

WEB DESGIN COURSE -48 hour



	CONTENT	NUMBE OF PROJECTS	DATE	TASKS
1.	HTML /HTML5	1	Week 1 From(10 am- 6pm)	Student should understand every attribute in html and create a full structure website
2.	CSS /CSS3	1	Week 2 From(10 am- 6pm)	Student should understand every attribute in CSS and create a full design for his structure website
3.	JS(Jequery-vue.js)	1	Week 3 From(10 am- 6pm)	Student should understand every attribute in JS (jequery) and create website responsive by using media query and make alerts and messages
4.	Create website by using (HTML – CSS – JS (JeQUERY)).	2	Week 4 From(10 am- 6pm)	practical application by creating 2 complete website
5.	Using animation in JS To make some animations in website	1	Week 5 From(10 am- 6pm)	Student should understand every attribute in animation and create website Animations.
6.	Bootstrap 4 (create 2 responsive website by using bootstrap).	1	Week 6 From(10 am- 6pm)	practical application by creating 2 complete website by using bootstrap and (html – CSS – JS).

Tel&Fax: 0237412710

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WEB DEVELOPING COURSE - 72 hour

CONTENT	NUMBE OF PROJECTS	DATE	TASKS
• UML	EXPLAIN And create 5 erd for all projects.	Week 1 From(10 am- 6pm)	1-Student should understand US CASE -ERD- DFD . 2-CREATE use case and ERD for 5 PROJECTS WE WILL DOING IN TH COURSE.
MY SQL	EXPLAIN And create 5 database for all projects	Week 2 From(10 am- 6pm)	1-Student should understand mysql statement like (select - where- join) 2-CREATE database for 5 PROJECTS WE WILL DOING IN TH COURSE.
PHP BASICS & OBJECT ORIENTED & DESGIN PATTERN	EXPLAIN	Week 3 From(10 am- 6pm)	Explain all basics of php and obje oriented -all design pattern.
 Create full website by using PHP native (OOP) & my SQL 	1	Week 4 From(10 am- 6pm)	Create full website by using PHP native (OOP) & MYSQL
Laravel framework	EXPLAIN	Week 5 From(10 am- 6pm)	EXPLAIN Laravel attribute like model & view & routing & Controller & middleware& authentication and more
 Create new website by using LARAVEL & MYSQL. 	1	Week 6 From(10 am- 6pm)	Create a news website with different roles from users to publish news and photos
Create ecommerce	1	Week 7	Create a shopping cart website

From(10 am-

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		6pm)	buying some products .
Create forum website in LARAVEL & MYSQL.	1	Week 8 From(10 am- 6pm)	Create forum website with different roles from users to make notifications & and likes on some posts like Facebook .
 Create website to manage API with post man . 	1	Week 9 From(10 am- 6pm)	Create website to manage API to control mobile applications by using postman

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Android De	Android Development COURSE – 72 hour					
CONTENT	NUMBE OF PROJECTS	DATE	TASKS	!		
Java and Introduction to android.	Examples on java.	Week 1 From(10 am- 6pm)	 Installing Android Studio. Create Java Syntax and variable. Conditional statements and dealing with Methods. Learning loops. Handling Exceptions. OOP. 			



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 User interface (XML). Support Multiscreen app. Interacting with UI. ConstraintLayout part 1. 	Score Keeper App.Quiz App	Week 2 From(10 am- 6pm)	 Analyzing components of the architecture. Android Activity Life cycle. User interface (View Groups and Views). Building the layout. Multiple Screen Resolution Support. RTL Support. Connecting Views to Activity. Handling user clicks.
 Recycler View. ConstraintLayout part 2. Persisting Application Data SQLITE. Fragment. Support tab Mode. Alert Dialog. View Pager. 	• CRUD Project for Employe e.	Week 3 From(10 am- 6pm)	 add recycler View. add View Pager. Threads and Async Task To make background tasks. Select statement. Insert statement. Delete statement. Update Statements. Support Tab-mode. Add Fragment and understand life Cycle. Make alert dialog.
Kotlin Programming Language.	• Example s on Kotlin.	Week 4 From(10 am- 6pm)	 Create Kotlin Syntax and variable. Conditional statements and dealing with Methods. Learning loops. Handling Exceptions. OOP.



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 Continue Persisting Application Data Storage:	• Hotel managem ent system App.	Week 5 From(10 am- 6pm)	 Making an app for Hotel management system. Making an app which supports different types of users With different authority. Make database accessible by other apps using content Provider.
 Persisting Application Data(Multi-storage Options): a) Internal Storage. b) External Storage. c) Shared Preferences. d) SQLITE database. Record sounds and dealing with images. Android Architecture Components: o DataBinding. 	• Note App.	Week 6 From(10 am- 6pm)	 Save and read data from internal storage. Save and read data from External storage. Shared preferences. Create Database and tables. Record sounds. Picking images from gallery or Camera.
 Services. Broadcast Receiver. Play Music using EXO library. Animations. 	• Sound Player App.	Week 7 From(10 am- 6pm)	7) Services to run your app in background.8) Broadcast Receiver to stop music when low Battery.
 Animations. Networking: a) Web APIs. b) Internet Connecti on. c) JSON. 	Movie App.Homewo rk (News App).	Week 8 From(10 am- 6pm)	 Make recycler View and populate it with list of Movies using APIs. Make Http Connection to get movies using APIs. Understand JSON format. Resizing images.



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Retrofit library.Animations.Google Maps.GPS.	• Weather App.	Week 9 From(10 am- 6pm)	 Use Google Maps. GPS. Use Weather API to get Add Animation for improving app.
 Android Architecture Components: DataBinding. ViewModel. LiveData. 	• Sun flower App.	Week 10 From(10 am- 6pm)	 Learn android architecture MVVM a) DataBinding. b) ViewModel. c) LiveData.
 Continue Android Architecture Components. 	• Sun flower App.	Week 11 From(10 am- 6pm)	1) Advanced DataBinding.

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- يحصل المتدرب بعد نهاية الدورة و تسليم المشروع على شهادة معتمدة وتوثق من الخارجية المصرية.
 - ضمان تدريب و تعيين الأوائل في شركات برمجة صغيرة و متوسطة الحجم.

For more information: 0 115 663 2698