



وزارة التعليم العالي والبحث العلمي  
جامعة الكوفة - مركز البحث والتأهيل المعلوماتي  
قسم التأهيل المعلوماتي - شعبة التدريب

دليل الدورات لشعبة التدريب (٢٠١٦)

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موبايل ٠٧٤٠٠٦٥٧٨٢٢

Site: <http://it.uokufa.edu.iq/>

الويندوز والأوفيس					
رقم القاعة	وقت الدورة	الأجور	المدة (بالأسبوع)	عنوان الدورة	ت
1	١١:٠٠-٩:٠٠	٥٠ الف دينار	٤	كفاءة الحاسوب ( للموظفين والخارجيين )	1
1	١١:٠٠-٩:٠٠	٥٠ الف دينار	٤	كفاءة الحاسوب ( للتدريسيين )	2
1	١١:٠٠-٩:٠٠	٢٥ الف دينار	١	Microsoft Access 2010	3
1	١١:٠٠-٩:٠٠	٤٠ الف دينار	٢	Microsoft Excel 2010	4
1	١١:٠٠-٩:٠٠	٤٠ الف دينار	٢	Microsoft Word 2010	٥
1	١١:٠٠-٩:٠٠	٢٥ الف دينار	١	Microsoft PowerPoint 2010	٦
1	١١:٠٠-٩:٠٠	٥٠ الف دينار	٢	Microsoft Windows 7	٧

ملاحظة: خاصة بأساتذة الجامعات لإغراض الترقية العلمية والموظفين والخارجيين ويقوم المشاركون بتزويد المركز بكتاب ترشيح صادر من عمادة الكلية او المعهد او المركز يحدد في الكتاب تاريخ ووقت الدورة التي يرغب الاشتراك فيها.

صيانة الحواسيب والطابعات					
رقم القاعة	وقت الدورة	الأجور	المدة (بالأسبوع)	عنوان الدورة	ت
٢	١١:٠٠-٩:٠٠	٥٠ الف دينار	٢	صيانة الحواسيب والطابعات	1
٢	١١:٠٠-٩:٠٠	٥٠ الف دينار	٢	صيانة الحاسوب ونظام التشغيل ويندوز	2
٢	١١:٠٠-٩:٠٠	٥٠ الف دينار	٢	صيانة اللابتوب	٣

لغات البرمجة و قواعد البيانات					
رقم القاعة	وقت الدورة	الأجور	المدة (بالأسبوع)	عنوان الدورة	ت
2	١١:٠٠-٩:٠٠	٢٠٠ الف دينار	٤	ASP.NET	١
2	١١:٠٠-٩:٠٠	١٥٠ الف دينار	٤	Programming with C++	2
2	١١:٠٠-٩:٠٠	٢٠٠ الف دينار	٤	VB.NET	٣
2	١١:٠٠-٩:٠٠	١٥٠ الف دينار	٤	MCSA : SQL Server 2012	٤
2	١١:٠٠-٩:٠٠	٣٠٠ الف دينار	١٢	.Net Programming	٥
2	١١:٠٠-٩:٠٠	٧٥ الف دينار	٢	JAVA	٦
2	١١:٠٠-٩:٠٠	٧٥ الف دينار	٢	JAVA script	٧

الانترنت وتصميم المواقع					
رقم القاعة	وقت الدورة	الأجور	المدة (بالأسبوع)	عنوان الدورة	ت
1	١١:٠٠-٩:٠٠	٢٥ الف دينار	١	Internet	١
1	١١:٠٠-٩:٠٠	٢٥ الف دينار	٢	Front Page 2003	٢
1	١١:٠٠-٩:٠٠	١٥٠ الف دينار	٣	PHP	٣
1	١١:٠٠-٩:٠٠	٢٠٠ الف دينار	٤	HTML 5 and CSS 3	٤
1	١١:٠٠-٩:٠٠	٢٠٠ الف دينار	٤	PHOTOSHOP	٥
1	١١:٠٠-٩:٠٠	٤٠ الف دينار	١	PHP	٦
1	١١:٠٠-٩:٠٠	٧٥ الف دينار	٢	XML	٧
1	١١:٠٠-٩:٠٠	٣٠٠ الف دينار	٢	LINEX	٨

نظم التشغيل وأمن الشبكات					
رقم القاعة	وقت الدورة	الأجور	المدة (بالأسبوع)	عنوان الدورة	ت
١	١١:٠٠-٩:٠٠	١٠٠ الف دينار	٢	Windows Server 2008	١
١	١١:٠٠-٩:٠٠	٢٥٠ الف دينار	٤	Advanced Windows Server 2008	2

### الرسوم الهندسية

رقم القاعة	وقت الدورة	الأجور	المدة (بالأسبوع)	عنوان الدورة	ت
٢	١١:٠٠-٩:٠٠	٧٥ الف دينار	٢	AutoCAD 2D 2008	١
٢	١١:٠٠-٩:٠٠	٧٥ الف دينار	٢	AutoCAD 3D 2008	2

### شركات الحواسيب

رقم القاعة	وقت الدورة	الأجور	المدة (بالأسبوع)	عنوان الدورة	ت
٢	١١:٠٠-٩:٠٠	٧٥ الف دينار	٢	VSAT Satellite Internet Systems	١
٢	١١:٠٠-٩:٠٠	٢٠٠ الف دينار	٦	Hardware (CompTia A+)	٢
٢	١١:٠٠-٩:٠٠	٢٠٠ الف دينار	٦	Hardware (CompTia N+)	٣

### الاختبارات

رقم القاعة	وقت الاختبار	اجور الاختبار	يوم الاختبار	مفردات الاختبار
٢	٩.٠٠	٢٥ الف دينار	بداية ومنتصف كل شهر	Windows 7, Word 2010, PowerPoint 2010, Excel 2010, Internet

تفاصيل دورات مركز البحث والتأهيل المعلوماتي – شعبة الدورات

اسم الدورة	دورة كفاءة حاسوب
الهدف العام للدورة	لغرض التعلم
عناصر ومحتويات الدورة	Ms-Windows7,Ms-Word,Ms-Excel, Internet
الفئة المستهدفة	الموظفين والخارجيين
أجور المشاركة	٥٠ ألف دينار

اسم الدورة	دورة كفاءة حاسوب (للتدريسيين)
الهدف العام للدورة	لغرض الترقية العلمية
عناصر ومحتويات الدورة	Ms-Windows7,Ms-Word,Ms-PowerPoint, Internet
الفئة المستهدفة	التدريسيين
أجور المشاركة	٥٠ ألف دينار

اسم الدورة	امتحان كفاءة حاسوب
الهدف العام للدورة	لغرض الترقية ، التعيين
عناصر ومحتويات الدورة	Ms-Windows7,Ms-Word 2010,Ms-PowerPoint 2010, Ms-Excel 2010, Internet
الفئة المستهدفة	موظفي جامعة الكوفة والخارجيين
أجور المشاركة	٢٥ ألف دينار

اسم الدورة	أساسيات الشبكات
الهدف العام للدورة	لتطوير المهارات الفنية في مجالات الشبكات
الفئة المستهدفة	موظفي جامعة الكوفة والخارجيين -
اجور المشاركة	٧٥ الف دينار

اسم الدورة	MCIIP
الهدف العام للدورة	تطوير المهارات في الشبكات

عناصر ومحتويات الدورة	شبكات الحاسوب
الفئة المستهدفة	-موظفي جامعة الكوفة والخارجيين
اجور المشاركة	٣٠٠ الف دينار

اسم الدورة	Matlab
الهدف العام للدورة	تطوير المهارات البرمجية
الفئة المستهدفة	-موظفي جامعة الكوفة والخارجيين
أجور المشاركة	١٥٠ الف دينار

اسم الدورة	صيانة حاسبات متقدمة
الهدف العام للدورة	صيانة عامة للحاسوب
الفئة المستهدفة	-موظفي جامعة الكوفة والخارجيين
اجور المشاركة	٥٠ الف دينار

اسم الدورة	Internet
الهدف العام للدورة	استخدام الانترنت
الفئة المستهدفة	-موظفي جامعة الكوفة والخارجيين
اجور المشاركة	٢٥ الف دينار

اسم الدورة	Windows 7
الهدف العام للدورة	شرح مفصل لنظام التشغيل
الفئة المستهدفة	-موظفي جامعة الكوفة والخارجيين
اجور المشاركة	٥٠ الف دينار

اسم الدورة	Php
الهدف العام للدورة	لتطوير المهارات البرمجية
الفئة المستهدفة	-موظفي جامعة الكوفة والخارجيين
اجور المشاركة	١٥٠ الف دينار

اسم الدورة	Dreamweaver
الهدف العام للدورة	لتطوير المهارات البرمجية
الفئة المستهدفة	-موظفي جامعة الكوفة والخارجيين
اجور المشاركة	٥٠ الف دينار

C#.net	اسم الدورة
لتطوير المهارات البرمجية	الهدف العام للدورة
-موظفي جامعة الكوفة والخارجيين	الفئة المستهدفة
٢٠٠ الف دينار	أجور المشاركة

SQL server 2008	اسم الدورة
لتطوير المهارات البرمجية	الهدف العام للدورة
-موظفي جامعة الكوفة والخارجيين	الفئة المستهدفة
٧٥ الف دينار	أجور المشاركة

VB.Net	اسم الدورة
لتطوير المهارات البرمجية	الهدف العام للدورة
-موظفي جامعة الكوفة والخارجيين	الفئة المستهدفة
٢٠٠ الف دينار	أجور المشاركة

Access	اسم الدورة
لتطوير استخدام تطبيقات الحاسوب	الهدف العام للدورة
-موظفي جامعة الكوفة والخارجيين	الفئة المستهدفة
٥٠ الف دينار	أجور المشاركة

Excel advance 2010	اسم الدورة
لتطوير مهارات الحاسوب	الهدف العام للدورة
موظفي جامعة الكوفة والخارجيين -	الفئة المستهدفة
٥٠ الف دينار	أجور المشاركة

المنهج المعتمد للدورات التخصصية في مجال علوم الحاسوب

<b>COURSE NAME</b>	<b>Microsoft Word 2010</b>
<b>ABOUT THE COURSE</b>	<p>Microsoft Office is the world's most popular productivity suite made by Microsoft, as a collection of computer programs for home users and business users. From administrative assistant jobs requiring a strong knowledge of Word to project management positions demanding strong Excel ability, Our training yields real benefits in the workplace.</p> <ul style="list-style-type: none"> <li>• Create documents, spreadsheets, and presentations that capture your ideas.</li> <li>• Master routine word processing tasks.</li> <li>• Easily incorporate content from PDFs and create Word documents</li> </ul>
<b>COURSE OBJECTIVES</b>	<p>This course suits everyone who learns the basics of computer operation and word processing, to carry on routine daily operations and help them land employment or advance an existing career.</p> <ul style="list-style-type: none"> <li>• Computer Operator</li> <li>• Office Assistant</li> <li>• Admin Assistant</li> </ul>
<b>REQUIREMENT SKILLS</b>	Basic Using to the Computer and Operating Systems (Windows)
<b>COURSE SYLLABUS</b>	<ul style="list-style-type: none"> <li>• Introduction to Word</li> <li>• File – Open, Save, Close</li> <li>• Formatting text</li> <li>• Formatting Paragraphs</li> <li>• Page Setup, Page Layout</li> <li>• Print Setup</li> <li>• Paragraph/Character Styles</li> <li>• Bullets &amp; Numbering</li> <li>• Borders &amp; Shading</li> <li>• Footnotes and Endnotes</li> <li>• Headers and Footers</li> <li>• Page numbers, Date &amp; Time</li> <li>• Proofreading a document</li> <li>• Checking Spelling &amp; Grammar</li> <li>• Find &amp; Replace</li> <li>• Drawing Shapes</li> <li>• Adding Pictures/WordArt</li> <li>• Mail merge – Letters, Labels</li> <li>• Macros – Recording, Execution</li> <li>• Tables – Drawing, Formatting</li> <li>• Hyperlink, OLE</li> <li>• Previewing &amp; Printing Documents</li> </ul>
<b>COURSE DURATION</b>	<b>10 days</b>

<b>Course Name</b>	<b>Microsoft Excel 2010</b>
<b>About the Course</b>	<p>Microsoft Office is the world's most popular productivity suite made by Microsoft, as a collection of computer programs for home users and business users. From administrative assistant jobs requiring a strong knowledge of Word to project management positions demanding strong Excel ability, Our training yields real benefits in the workplace.</p> <ul style="list-style-type: none"> <li>• Easily format information in Excel with tools and auto-complete data</li> </ul>
<b>Course Objectives</b>	<p>This course suits everyone who learns the basics of computer operation and word processing, to carry on routine daily operations and help them land employment or advance an existing career.</p> <ul style="list-style-type: none"> <li>• Computer Operator</li> <li>• Office Assistant</li> <li>• Admin Assistant</li> </ul>
<b>Requirement Skills</b>	Basic Using to the Computer and Operating Systems (Windows)
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Introduction to Excel</li> <li>• Entering &amp; Formatting Titles</li> <li>• Worksheet calculations</li> <li>• Formatting Rows/Columns</li> <li>• Hiding Columns/Rows/Sheets</li> <li>• Cell Referencing</li> <li>• Cell Formatting, Cell Styles</li> <li>• Conditional Formatting</li> <li>• Format as Table</li> <li>• Number Series, Fill Handle</li> <li>• Adding Formulas</li> <li>• Formula bar, Status bar</li> <li>• Math Functions</li> <li>• Text Functions</li> <li>• Date&amp; Time Functions</li> <li>• IF function</li> <li>• Adding Pictures/Shapes/WordArt</li> <li>• Page Layout, Print setup</li> <li>• Creating Graphs/Charts</li> <li>• Data Sort, Filter</li> <li>• Data Validation</li> <li>• Macros – Recording, Execution</li> <li>• Adding Header &amp; Footer</li> <li>• Workbook Views, Freeze panes</li> <li>• Create Payrolls/Tables</li> <li>• Create Financial statements</li> </ul>
<b>Course Duration</b>	<b>12 days</b>



<b>Course Name</b>	<b>Microsoft PowerPoint 2010</b>
<b>About the Course</b>	<p>Microsoft Office is the world's most popular productivity suite made by Microsoft, as a collection of computer programs for home users and business users. From administrative assistant jobs requiring a strong knowledge of Word to project management positions demanding strong Excel ability, Our training yields real benefits in the workplace.</p> <ul style="list-style-type: none"> <li>• Make attention-grabbing presentations that relay information with style and flair</li> <li>• Design customized marketing materials that fit your brand and customers</li> </ul>
<b>Course Objectives</b>	<p>This course suits everyone who learns the basics of computer operation and word processing, to carry on routine daily operations and help them land employment or advance an existing career.</p> <ul style="list-style-type: none"> <li>• Computer Operator</li> <li>• Office Assistant</li> <li>• Admin Assistant</li> </ul>
<b>Requirement Skills</b>	Basic Using to the Computer and Operating Systems (Windows)
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Introduction to PowerPoint</li> <li>• Design Slides</li> <li>• Create Presentation</li> <li>• Custom Animation</li> <li>• Custom Transition</li> <li>• Background, Color and Fonts</li> <li>• Rehearse timings</li> <li>• Adding Graphics, Media Clips (eg. Video, Audio)</li> <li>• Using Slide Master</li> <li>• Reviewing the Slide show</li> <li>• Delivering the Presentation</li> </ul>
<b>Course Duration</b>	<b>4 days</b>

<b>Course Name</b>	<b>Microsoft Access 2010</b>
<b>About the Course</b>	<p>Microsoft Office is the world's most popular productivity suite made by Microsoft, as a collection of computer programs for home users and business users. From administrative assistant jobs requiring a strong knowledge of Word to project management positions demanding strong Excel ability, Our training yields real benefits in the workplace. Students learn</p> <ul style="list-style-type: none"> <li>• How to design database and build tables</li> <li>• To manage data</li> <li>• How to run an SQL query</li> <li>• To create forms and reports</li> <li>• To navigate Access databases</li> </ul>
<b>Course Objectives</b>	<p>This course suits everyone who learns the basics of computer operation and word processing, to carry on routine daily operations and help them land employment or advance an existing career.</p> <ul style="list-style-type: none"> <li>• Computer Operator</li> </ul>

	<ul style="list-style-type: none"> <li>• Office Assistant</li> <li>• Admin Assistant</li> </ul>
<b>Requirement Skills</b>	Basic Using to the Computer and Operating Systems (Windows)
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Introduction to Access</li> <li>• Database, DBMS, RDBMS</li> <li>• Create Tables in Design view</li> <li>• Create Tables using Wizard</li> <li>• Adding Records</li> <li>• Create Queries</li> <li>• Types of Queries <ul style="list-style-type: none"> <li>• Select</li> <li>• Cross tab</li> <li>• Make table</li> <li>• Update</li> <li>• Append</li> <li>• Delete</li> </ul> </li> <li>• Create Forms with UI controls</li> <li>• Generate Reports (Report Wizard) Custom Reports</li> </ul>
<b>Course Duration</b>	<b>6 days</b>

<b>Course Name</b>	<b>Adobe Photoshop</b>
<b>About the Course</b>	<p>Knowledge of Photoshop is a requirement for many professions in the publishing, advertising, online media and visual art industries. Photoshop gives photographers, artists and designers a stunning array of tools, to turn ordinary images into powerful visual art. Our's formal training in Photoshop is an efficient way to achieve mastery which makes the student proficient in</p> <ul style="list-style-type: none"> <li>• Correcting saturation, hue and contrast</li> <li>• Retouching minor imperfections within images</li> <li>• Adding text and vector art</li> <li>• Preparing images for publication</li> <li>• Working with videos</li> </ul>
<b>Course Objectives</b>	<p>Graphic designers, multimedia artists and photographers can enhance their careers by learning the intricacies of the world's top image-editing software. In addition to professionals in the visual arts, creative individuals with a passion for scrapbooking, photography or web design may opt for the course to master the full scope of Adobe Photoshop's capabilities</p> <ul style="list-style-type: none"> <li>• <b>Photoshop Designer</b></li> <li>• <b>Digital Illustrator</b></li> <li>• <b>Commercial Artist</b></li> <li>• <b>Creative Director</b></li> <li>• <b>Art director</b></li> <li>• <b>Visualizer</b></li> <li>• <b>Graphic Designer</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• introduction to photoshop user interface</li> <li>• photoshop project control, layers and rules</li> </ul>

	<ul style="list-style-type: none"> <li>• photo shop tools</li> <li>• text, vectors, shapes, layer and painting</li> <li>• vector control and masks</li> <li>• binding objects and effects</li> <li>• color system</li> <li>• design and color management for web</li> <li>• actions</li> </ul>
<b>Course Duration</b>	<b>20 days</b>

<b>Course Name</b>	<b>3Ds Max Basics</b>
<b>About the Course</b>	<p>The course shall follow a highly practical approach, whereby students shall be creating their first models directly within the first lesson. Course shall follow the standard 3D creation process, which can be broken down into the modeling, animating, material and lighting phases. We shall also be addressing specific issues related to mental ray rendering, an advanced rendering engine which is included with 3DS Max and offers realistic renders whilst being user friendly. Basics of modeling shall then be developed further through more detailed examples, and a separate chapter on rigging of models shall be delivered. Materials shall be supplemented with UV texturing techniques commonly used in film and game development. Finally, we shall also discuss particle systems and how these can be applied to good effect.</p>
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• How to work in a production environment</li> <li>• Understand the mechanics of 3ds Max</li> <li>• Be able to create 3d models using a variety of techniques</li> <li>• Work with materials to texture your models</li> <li>• Understand how to light a scene</li> <li>• Be able to create animations and stage a scene</li> <li>• Understand cinematography</li> <li>• Learn how to create output for use in post production.</li> <li>• Learn how to use the Mental Ray render engine.</li> </ul>
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• The General 3D principles</li> <li>• Introduction to 3Ds Max User Interface</li> <li>• Modeling <ul style="list-style-type: none"> <li>○ Create and Modify Panels</li> <li>○ 3D Objects Types (Properties)</li> <li>○ Working with Modifier List</li> <li>○ Compound Objects Operations</li> </ul> </li> <li>• Animation <ul style="list-style-type: none"> <li>○ AutoKey and SetKey Animation control</li> <li>○ Animating with constraints</li> <li>○ Motion Rollout and Helpers</li> </ul> </li> <li>• Materials and Mapping <ul style="list-style-type: none"> <li>○ Materials Basic Parameters</li> <li>○ Texture and UVW Map control</li> <li>○ Advanced Materials Tricks and Multi mapping Materials</li> </ul> </li> <li>• Lighting <ul style="list-style-type: none"> <li>○ Basic Lighting and Shadow</li> <li>○ Day, Night, and Sky light</li> <li>○ Environment Control</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Rendering <ul style="list-style-type: none"> <li>○ Basic Rendering Setting (Images and Movies)</li> <li>○ Camera Rendering</li> <li>○ Video Post</li> </ul> </li> </ul>
<b>Course Duration</b>	<b>20 days</b>

<b>Course Name</b>	<b>3Ds Max VFX</b>
<b>About the Course</b>	The fast growing animation industry needs large number of skilled professionals in 3D animation and visual effects. The formal and focused studies give students, from any background, a professional portfolio of animation and visual effects.
<b>Course Objectives</b>	The course aims at teaching the fundamentals of animation and visual effects, one of the key factors in the animation design works.
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Particle Flow <ul style="list-style-type: none"> <li>○ Particle Control Over 3Ds Max</li> <li>○ Working with PF Hierarchy</li> </ul> </li> <li>• Krakatawa <ul style="list-style-type: none"> <li>○ Increasing the Particle Flow Rendering and Effects Efficiency</li> </ul> </li> <li>• Real Flow <ul style="list-style-type: none"> <li>○ Water Simulation Software and Plug-in for 3Ds Max</li> </ul> </li> <li>• AfterBorn <ul style="list-style-type: none"> <li>○ Smoke and Fire Simulation Plug-in for 3Ds Max</li> </ul> </li> <li>• FumeFX <ul style="list-style-type: none"> <li>○ Fume and Smoke Simulation Plug-in for 3Ds Max</li> </ul> </li> <li>• RayFire <ul style="list-style-type: none"> <li>○ Objects Dynamic Mass Reaction</li> </ul> </li> </ul>
<b>Course Duration</b>	<b>20 days</b>

<b>Course Name</b>	<b>3Ds Max Lighting and Rendering with VRay</b>
<b>About the Course</b>	This course specialized for interior Engineers and Free Lance Designers, who want to be a professional in a short period of time. This course will cover Advanced poly Modeling ( how to model furniture, cars, and most of hard surfaces objects) Advanced Shading ( how to make your Owen V-ray Materials, and used UVW map) Full Details about V-ray Software ( understanding all V-ray parameters and practical exercises)
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• 3Ds Max Basics and lighting knowledge</li> </ul>
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Introduction to Lighting in 3Ds Max</li> <li>• Using VRay</li> <li>• Lighting, Rendering, and Environment Interacting <ul style="list-style-type: none"> <li>○ Lighting <ul style="list-style-type: none"> <li>▪ VRay Lights Types</li> <li>▪ Lights Control</li> </ul> </li> <li>○ Rendering <ul style="list-style-type: none"> <li>▪ VRay Basic Setting</li> <li>▪ Controlling Photons</li> <li>▪ Light Cash and Light Map</li> </ul> </li> <li>○ Environment <ul style="list-style-type: none"> <li>▪ Environment Lighting</li> <li>▪ HDRI Rendering and Lighting Control</li> </ul> </li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• V-Ray VFX</li> </ul>
<b>Course Duration</b>	<b>20 days</b>

<b>Course Name</b>	<b>Adobe After Effects</b>
<b>About the Course</b>	<p>Adobe After Effects software is the industry-standard tool for creating motion graphics and visual effects for film and video. Through Our training in After Effects make the impossible possible and</p> <ul style="list-style-type: none"> <li>• Create animation and other special effects for graphic-related projects</li> <li>• Provide the projects with layer-based animation, audio clips and still images</li> <li>• Develop cinematic visual effects and motion graphics</li> <li>• Animate, alter and composite media in 2D and 3D</li> </ul>
<b>Course Objectives</b>	<p>This course is suitable for professional graphic artists and other dynamic media producers who want to work in post-production that involves integration of live-action footage and computer generated imagery, which have become increasingly common in films, television and commercials.</p> <ul style="list-style-type: none"> <li>• Visual effects designer</li> <li>• Software mixer</li> <li>• Visual effects Professional</li> <li>• Technical Director</li> <li>• Special Effects Manager</li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Introduction to After Effects</li> <li>• project management and file controls (Import and Export)</li> <li>• composition and layers</li> <li>• parameter control</li> <li>• animation concept with After Effects</li> <li>• Effects and Presents</li> <li>• Masking, lighting and shadows</li> <li>• VFX with After Effects</li> <li>• Animating a full scene</li> </ul>
<b>Course Duration</b>	<b>15 days</b>

<b>Course Name</b>	<b>PHP</b>
<b>About the Course</b>	<p>With the high demand for qualified and skilled website designers and developers, training in PHP accelerates a budding IT career. Multiple content management systems (CMS) exist to help port text, images and binary data to the Web, and professionals with PHP training execute the complex operations in a hypertext environment in the CMS applications. Our training in PHP allows students to understand content management systems and build flashier web pages to create the best user experiences on the Web.</p>
<b>Course Objectives</b>	<p>Functionality demanded by the Web-consuming public requires skilled professionals who can create interactive, dynamic and database-enabled web pages with a cutting edge that support a wide range of databases.</p>

	<ul style="list-style-type: none"> <li>• <b>Web Designer</b></li> <li>• <b>Web Developer</b></li> <li>• <b>Web Programmer</b></li> <li>• <b>Content Developer</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Introduction to PHP, Importance</li> <li>• Web Architecture, Web Server</li> <li>• Install &amp; Configure <ul style="list-style-type: none"> <li>• PHP, Apache, MySQL</li> </ul> </li> <li>• LAMP, WAMP, XAMPP, MAMP</li> <li>• Overview of Net Beans</li> <li>• Data types, Variables, Operators</li> <li>• Tags, Comments</li> <li>• PHP.ini settings</li> <li>• Constants – Magic, Pre/User defined</li> <li>• Conditional Statements <ul style="list-style-type: none"> <li>• If, If...else, If...else if...else, Switch</li> </ul> </li> <li>• Loops <ul style="list-style-type: none"> <li>• While, Do...while, For, Break/Continue</li> </ul> </li> <li>• Functions <ul style="list-style-type: none"> <li>• Passing Arguments by Value/Reference</li> <li>• Recursive Functions</li> <li>• String Functions</li> <li>• Include &amp; Require Statements</li> <li>• Date, Time, Math</li> </ul> </li> <li>• Arrays – Types, Array functions</li> <li>• PHP Forms, Form Submit</li> <li>• Get &amp; Post methods</li> </ul> <p><b>Advanced PHP</b></p> <ul style="list-style-type: none"> <li>• Regular Expressions</li> <li>• Validating Textboxes, Email, Password, Date</li> <li>• Validating Phone numbers, Zipcodeetc</li> <li>• Creating custom regular expressions</li> <li>• File handling – Open, Read, Write, Close</li> <li>• OOPS in PHP</li> <li>• Sessions, Variables, Session ID</li> <li>• Create/Retrieve/Destroy session</li> <li>• Cookies, Types of Cookies</li> <li>• Create/Retrieve/Delete cookies</li> <li>• Exception Handling – Try, Throw, Catch</li> </ul>
<b>Course Duration</b>	<b>15 days</b>

<b>Course Name</b>	<b>Maya Basics</b>
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• The General 3D Principles</li> <li>• Introduction to Maya User Interface</li> <li>• Modeling <ul style="list-style-type: none"> <li>○ Object Creating and Properties (Objects Types)</li> <li>○ Polygon Modeling</li> <li>○ Modifier Categories</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>▪ Modeling, Animation, NURBS, ...</li> <li>• Animation Principles</li> <li>• Materials, Texture, and Shading</li> <li>• Lighting with Maya</li> </ul>
<b>Course Duration</b>	<b>20 days</b>

<b>Course Name</b>	<b>3D Motion and Cartoon Animation Making (3Ds Max, After Effects, and Photoshop)</b>
<b>About the Course</b>	In this computer 3D Motion and Cartoon Animation Making (3Ds Max, After Effects, and Photoshop) course in 3ds Max 2013, Infinite Skills introduces you to this modeling, animation and rendering package from Autodesk. Designed for the beginner, you do not have to have any prior experience using 3ds Max to get the most out of these video 3DS Max Animation & 3DS Max Modeling Tutorials.
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Project Analyzing</li> <li>• Final Idea, Storyboard, and Scene Details Preparing</li> <li>• Understanding the Project Nature</li> <li>• Characters Modeling <ul style="list-style-type: none"> <li>○ Importing and Fitting the Sketchs</li> <li>○ Low Poly Modeling</li> <li>○ Joint Segments Preparing</li> </ul> </li> <li>• Piped, Bones, Systems and Helpers <ul style="list-style-type: none"> <li>○ Creating, Placing, and Controlling Bones and Dynamics</li> <li>○ Dynamics for Animation</li> <li>○ Rigging</li> <li>○ Working with IK Solvers for Joints</li> <li>○ Placing Dynamics</li> <li>○ Implementing Helpers and Animation Control</li> <li>○ Constraint and Orientation Control</li> </ul> </li> <li>• Animation <ul style="list-style-type: none"> <li>○ Project Animating with Storyboard</li> <li>○ Key Animation</li> <li>○ Controlling Animation with Curve Editor</li> <li>○ Smoothing Animation Terminals</li> </ul> </li> </ul>
<b>Course Duration</b>	<b>20 days</b>

<b>Course Name</b>	<b>3Ds Max Advanced (Architectural and Design)</b>
<b>About the Course</b>	Render, lighting and animation focused in interior design, architectural and civil projects. 3ds Max help architects to get a deeper understanding of how projects work before they're built, it also enables them to create a deeper emotional impact with photorealistic renderings and cinematic-quality animations.
<b>Course Objectives</b>	The course is to Architects, Civil engineers, Interior designers, landscape designers, stage designers and students in related careers
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• 3D Max vs 3D Max Design</li> <li>• Advanced Modeling Techniques <ul style="list-style-type: none"> <li>○ Polygon Modeling</li> <li>○ Picture Based Modeling</li> <li>○ Dynamically Link to Data From CAD Software</li> <li>○ Low Poly Design Concept</li> </ul> </li> <li>• Materials and Mapping</li> </ul>

	<ul style="list-style-type: none"> <li>○ Advanced Material Editor Control</li> <li>○ Mapping control</li> <li>○ Full Object Mapping Images Control</li> <li>○ Models Shading with Materials</li> <li>• Lighting and Rendering <ul style="list-style-type: none"> <li>○ Exterior Environment Scene Setting for Architectural Design</li> <li>○ Exterior Environment Scene Setting for Architectural Design</li> </ul> </li> <li>• Advanced Animation with 3Ds Max <ul style="list-style-type: none"> <li>○ Key Animation Control</li> <li>○ Animating with Sound</li> <li>○ Professional Animation Techniques</li> </ul> </li> <li>• Project Production and Direction <ul style="list-style-type: none"> <li>○ Animating Camera for Architectural Projects</li> <li>○ VFX for Final Projects Exportation</li> </ul> </li> </ul>
<b>Course Duration</b>	<b>20 days</b>

<b>Course Name</b>	<b>VB.NET</b>
<b>About the Course</b>	<p>In today's world, .NET isn't just a Microsoft software component running on Windows PCs, it's everywhere. Developers use this framework to create applications for all sorts of devices, including smart phones, tablets and e-readers. It's even in the clouds, as many cloud-based platforms support .NET applications. .NET trained candidates are among the most sought-out professionals in today's competitive IT job market. Our .net training enables the students gain expertise in this growing platform and also appeal to aspiring IT workers who want to shift from either management or coding into more comprehensive roles as leaders and visionaries.</p>
<b>Course Objectives</b>	<p>This course is intended for everyone who would like to develop and design an enterprise solution with the help of Microsoft technologies and tools build web as well as commerce application</p> <ul style="list-style-type: none"> <li>• <b>Web Developer</b></li> <li>• <b>Software Developer</b></li> <li>• <b>Software Engineer</b></li> <li>• <b>Software Architect</b></li> <li>• <b>System Analyst</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<p><b>.Net Framework</b></p> <ul style="list-style-type: none"> <li>• The .NET Platform</li> <li>• .NET Framework</li> <li>• Compilation and MSIL</li> <li>• Common language Runtime (CLR)</li> <li>• Just In Time (JIT) Compilation</li> <li>• Base Class Library (BCL)</li> <li>• CTS &amp; CLS</li> </ul> <p><b>Vb.Net</b> <b>The Visual Studio.Net IDE</b></p> <ul style="list-style-type: none"> <li>• Creating a new VB.net project</li> <li>• Using control from the toolbox</li> </ul>



	<p><b>Object Oriented Programming Concepts</b></p> <ul style="list-style-type: none"> <li>• Encapsulation</li> <li>• Inheritance</li> <li>• Polymorphism</li> <li>• Constructors Overloading</li> </ul> <p><b>Assemblies and Versioning</b></p> <ul style="list-style-type: none"> <li>• MetaData</li> <li>• Versioning</li> <li>• Manifests</li> <li>• Multi Module Assemblies</li> <li>• Private and Shared Assemblies</li> </ul> <p><b>Multithreading</b></p> <ul style="list-style-type: none"> <li>• Threads</li> <li>• Synchronisation</li> <li>• Mutex Object</li> <li>• Race Conditions</li> <li>• Deadlocks</li> </ul> <p><b>Custom Windows Controls</b></p> <p><b>Exception Handling</b></p> <ul style="list-style-type: none"> <li>• Exception Handling Fundamentals</li> <li>• Try and Catch</li> <li>• Throwing an Exception</li> </ul> <p><b>.Net Remoting</b></p> <ul style="list-style-type: none"> <li>• Application Domains</li> <li>• Context</li> <li>• Remoting</li> </ul> <p><b>Crystal Reports</b></p> <p><b>Package &amp; Deployment</b></p> <p><b>Sql Server</b></p> <ul style="list-style-type: none"> <li>• Creation of database</li> <li>• Executing SQL commands</li> <li>• Stored procedures</li> <li>• Restoring database</li> <li>• Copying database</li> </ul>
<b>Course Duration</b>	<b>30 days</b>

<b>Course Name</b>	<b>ASP.NET</b>
<b>About the Course</b>	In today's world, .NET isn't just a Microsoft software component running on Windows PCs, it's everywhere. Developers use this framework to create applications for all sorts of devices, including smartphones, tablets and e-readers. It's even in the clouds, as many cloud-based platforms support .NET applications. .NET trained candidates are among the most sought-out professionals in today's competitive IT job market. Our .net training enables the students gain expertise in this growing platform and also appeal to aspiring IT workers who want to shift from either management or coding into more comprehensive roles as leaders and visionaries.
<b>Course Objectives</b>	<p>This course is intended for everyone who would like to develop and design an enterprise solution with the help of Microsoft technologies and tools; build web as well as commerce applications.</p> <ul style="list-style-type: none"> <li>• <b>Web Developer</b></li> <li>• <b>Software Developer</b></li> <li>• <b>Software Engineer</b></li> <li>• <b>Software Architect</b></li> <li>• <b>System Analyst</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<p><b>.Net Framework</b></p> <ul style="list-style-type: none"> <li>• The .NET Platform</li> <li>• .NET Framework</li> <li>• Compilation and MSIL</li> <li>• Common language Runtime (CLR)</li> <li>• Just In Time (JIT) Compilation</li> <li>• Base Class Library (BCL)</li> <li>• CTS &amp; CLS</li> </ul> <p><b>C# Programming</b> <b>C# Fundamentals</b></p> <ul style="list-style-type: none"> <li>• Working with Console class</li> <li>• Data types</li> <li>• Boxing &amp; Unboxing</li> <li>• Namespaces</li> <li>• Statements</li> <li>• Conditional Statements</li> <li>• Arrays</li> <li>• Strings</li> </ul> <p><b>Object Oriented Programming Concepts</b></p> <ul style="list-style-type: none"> <li>• OOPS concepts</li> <li>• Class and Object</li> <li>• Variables</li> <li>• Constructor</li> <li>• Sealed Class</li> <li>• Access modifiers</li> <li>• Inheritance</li> <li>• Polymorphism</li> </ul>

	<ul style="list-style-type: none"> <li>• Properties</li> </ul> <p><b>Interfaces</b>  <b>Abstract Classes</b>  <b>Delegates and Events</b>  <b>Exception Handling</b>  <b>Collection</b>  <b>Generics</b>  <b>Windows Forms</b></p> <ul style="list-style-type: none"> <li>• Creating a Simple Windows Form</li> <li>• Creating a Windows Form Application</li> </ul> <p><b>Assemblies</b>  <b>Custom Windows Controls</b></p> <ul style="list-style-type: none"> <li>• Creating user defined controls</li> </ul> <p><b>Multithreading</b>  <b>Remoting</b></p> <ul style="list-style-type: none"> <li>• Application Domains</li> <li>• SAO</li> <li>• CAO</li> </ul> <p><b>Crystal Reports</b></p> <p><b>Sql Server</b></p> <ul style="list-style-type: none"> <li>• Creation of database</li> <li>• Executing SQL commands</li> <li>• Stored procedures</li> <li>• Restoring database</li> <li>• Copying database</li> </ul> <p><b>Ado.Net</b></p> <ul style="list-style-type: none"> <li>• Data readers, Data Sets</li> <li>• Data Adapter, Data Binding</li> <li>• Stored procedures with ADO.net</li> <li>• ADO.NET And XML</li> </ul>
<b>Course Duration</b>	<b>30 days</b>

<b>Course Name</b>	<b>C#.NET</b>
<b>About the Course</b>	<p>In today's world, .NET isn't just a Microsoft software component running on Windows PCs, it's everywhere. Developers use this framework to create applications for all sorts of devices, including smart phones, tablets and e-readers. It's even in the clouds, as many cloud-based platforms support .NET applications. .NET trained candidates are among the most sought-out professionals in today's competitive IT job market. Our .net training enables the students gain expertise in this growing platform and also appeal to aspiring IT workers who want to shift from either management or coding into more comprehensive roles as leaders</p>

	and visionaries.
<b>Course Objectives</b>	<p>This course is intended for everyone who would like to develop and design an enterprise solution with the help of Microsoft technologies and tools; build web as well as commerce applications.</p> <ul style="list-style-type: none"> <li>• <b>Web Developer</b></li> <li>• <b>Software Developer</b></li> <li>• <b>Software Engineer</b></li> <li>• <b>Software Architect</b></li> <li>• <b>System Analyst</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<p><b>.Net Framework</b></p> <ul style="list-style-type: none"> <li>• The .NET Platform</li> <li>• .NET Framework</li> <li>• Compilation and MSIL</li> <li>• Common language Runtime (CLR)</li> <li>• Just In Time (JIT) Compilation</li> <li>• Base Class Library (BCL)</li> <li>• CTS &amp; CLS</li> </ul> <p><b>C# Programming</b> <b>C# Fundamentals</b></p> <ul style="list-style-type: none"> <li>• Working with Console class</li> <li>• Data types</li> <li>• Boxing &amp; Unboxing</li> <li>• Namespaces</li> <li>• Statements</li> <li>• Conditional Statements</li> <li>• Arrays</li> <li>• Strings</li> </ul> <p><b>Object Oriented Programming Concepts</b></p> <ul style="list-style-type: none"> <li>• OOPS concepts</li> <li>• Class and Object</li> <li>• Variables</li> <li>• Constructor</li> <li>• Sealed Class</li> <li>• Access modifiers</li> <li>• Inheritance</li> <li>• Polymorphism</li> <li>• Properties</li> </ul> <p><b>Interfaces</b> <b>Abstract Classes</b> <b>Delegates and Events</b> <b>Exception Handling</b> <b>Collection</b> <b>Generics</b> <b>Windows Forms</b></p> <ul style="list-style-type: none"> <li>• Creating a Simple Windows Form</li> </ul>

	<ul style="list-style-type: none"> <li>• Creating a Windows Form Application</li> </ul> <p><b>Assemblies</b> <b>Custom Windows Conyrols</b></p> <ul style="list-style-type: none"> <li>• Creating user defined controls</li> </ul> <p><b>Multithreading</b> <b>Remoting</b></p> <ul style="list-style-type: none"> <li>• Application Domains</li> <li>• SAO</li> <li>• CAO</li> </ul> <p><b>Crystal Reports</b></p> <p><b>Sql server</b></p> <ul style="list-style-type: none"> <li>• Creation of database</li> <li>• Executing SQL commands</li> <li>• Stored procedures</li> <li>• Restoring database</li> <li>• Copying database</li> </ul> <p><b>Ado.Net</b></p> <ul style="list-style-type: none"> <li>• Data readers, Data Sets</li> <li>• Data Adapter, Data Binding</li> <li>• Stored procedures with ADO.net</li> <li>• ADO.NET And XML</li> </ul>
<b>Course Duration</b>	<b>30 days</b>

<b>Course Name</b>	<b>Hardware (CompTia A+)</b>
<b>About the Course</b>	<p>Everyone uses computers, laptops, mobile internet and iPads these days. This growth in technology has led to growth in the scope of hardware and networking too. There is a huge demand for people trained in this field to work as Hardware Engineers with the knowledge of personal computers and the Windows environment. Many computer resellers and service companies today require certified personnel as staff. This ensures that these businesses are capable of providing high top quality, authorized service for their clients. Our training covers operating systems, PC tune ups, diagnosis and repair, up gradation and maintenance of software and hardware.</p>
<b>Course Objectives</b>	<p>This course open up a variety of IT career options, ranging from entry-level help desk jobs to more advanced roles as consultants or system architects.</p> <ul style="list-style-type: none"> <li>• <b>Computer Support Specialist</b></li> <li>• <b>PC Maintenance Technician</b></li> <li>• <b>Help Desk Technician</b></li> <li>• <b>Hardware Engineer</b></li> </ul>

Requirement Skills	
<b>Course Syllabus</b>	<p><b>CompTIA A+ (220-801)</b></p> <p><b>Unit 1</b></p> <ul style="list-style-type: none"> <li>• Tools, Cases and Basic Components</li> <li>• ESD</li> <li>• Hardware and Personal Safety</li> <li>• MSDS Documentation</li> <li>• Environmental Factors</li> <li>• Maintenance Procedures</li> <li>• Motherboard Form Factors and Components</li> <li>• Chipsets and the Bus</li> </ul> <p><b>Unit 2</b></p> <ul style="list-style-type: none"> <li>• BIOS and the CMOS</li> <li>• The Boot Process</li> <li>• CPUs</li> <li>• Power</li> <li>• RAM</li> </ul> <p><b>Unit 3</b></p> <ul style="list-style-type: none"> <li>• Input, Output and Multimedia Devices</li> <li>• Device Cables and Connectors</li> <li>• Physical Interface Connections</li> <li>• Wireless Device Connections</li> <li>• Expansion Cards</li> <li>• Display Types and Technologies</li> <li>• Display Cables and Connectors</li> <li>• Designing Custom Computer Systems</li> </ul> <p><b>Unit 4</b></p> <ul style="list-style-type: none"> <li>• Laptops</li> <li>• Storage Devices</li> <li>• Printers</li> </ul> <p><b>Unit 5</b></p> <ul style="list-style-type: none"> <li>• Network Types</li> <li>• Network Devices</li> <li>• Network Tools</li> <li>• TCP/IP</li> <li>• Network Protocols and Ports</li> <li>• Wireless Technologies and Standards</li> </ul> <p><b>Unit 6</b></p> <ul style="list-style-type: none"> <li>• Professionalism in the Workplace</li> <li>• Dealing with Prohibited Content / Activity</li> </ul>

## **CompTIA A+ (220-802)**

### **Unit 1**

- Operating System Overview
- Operating System Installation
- Partitioning and Formatting Disks
- Operating System Upgrades
- Transferring Files

### **Unit 2**

- Windows Features and Control Panel Utilities
- Administrative Tools
- Disk Management
- Preventative Maintenance
- Backup and Restore
- Windows Recovery Console

### **Unit 3**

- Configure Networking
- Remote Desktop Connections
- TCP/IP Command Line Utilities
- Virtualization

### **Unit 4**

- Physical and Digital Security
- Data Destruction and Disposal
- Firewall Settings
- User and Group Management
- User Authentication
- File and Folder Permissions and Management
- Security Policy
- Wired and Wireless Network Security
- Troubleshooting Security

### **Unit 5**

- Troubleshooting Theory
- Operating System Diagnostics and Troubleshooting
- Recovery Console
- MSCONFIG, Task Manager and the Run Line
- Troubleshooting Internal Components
- Troubleshooting Hard Drives
- Troubleshooting Video Issues
- Troubleshooting Laptops
- Troubleshooting Printers

### **Unit 6**

- Troubleshoot Wired and Wireless Networks

	<ul style="list-style-type: none"> <li>• Mobile Computing Concepts</li> <li>• Android vs. iOS</li> <li>• Mobile Networking and Security</li> <li>• Tablets versus Laptops</li> <li>• Synchronizing Mobile Devices</li> </ul>
<b>Course Duration</b>	<b>45 days</b>

<b>Course Name</b>	<b>Hardware (CompTia N+)</b>
<b>About the Course</b>	The growth in technology has led to growth in the scope of hardware and networking too. There is a huge demand for people trained in this field to work as Hardware & Networking Engineers with knowledge and skills required to implement defined network architecture with basic network security. Our training enables the students to configure, maintain, and troubleshoot network devices using appropriate network tools, understand the features and purpose of network technologies, also make basic solution recommendations, analyze network traffic, and be familiar with common protocols and media types.
<b>Course Objectives</b>	<p>This course serves a good beginning for anyone wishing to have an internationally recognized validation of the technical knowledge required for foundation-level IT network practitioners. It also forms the basis for pursuing professional certifications like MCITP / CCNA / Linux / Solaris.</p> <ul style="list-style-type: none"> <li>• <b>Network Support</b></li> <li>• <b>Help Desk Technician</b></li> <li>• <b>Desktop Engineer</b></li> <li>• <b>IT Manager</b></li> <li>• <b>Systems Analyst Technician</b></li> <li>• <b>Systems Administrator</b></li> <li>• <b>Systems Engineer</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<p><b>CompTIA Network+ (N10-005)</b></p> <p><b>Unit 1</b></p> <ul style="list-style-type: none"> <li>• Network Models – OSI and TCP/IP</li> <li>• Physical Network Topologies</li> <li>• LAN Technologies</li> <li>• WAN Technologies</li> <li>• Cabling and Connectors</li> <li>• Ethernet Standards</li> </ul> <p><b>Unit 2</b></p> <ul style="list-style-type: none"> <li>• Network Devices</li> <li>• TCP/IP Concepts – IPv4, IPv6, Subnetting</li> <li>• DHCP</li> </ul> <p><b>Unit 3</b></p> <ul style="list-style-type: none"> <li>• TCP/IP Ports, Protocols and Services</li> </ul>



	<ul style="list-style-type: none"> <li>• Name Resolution</li> <li>• Routing</li> <li>• Switching</li> </ul> <p><b>Unit 4</b></p> <ul style="list-style-type: none"> <li>• Remote Access</li> <li>• Remote Connection Technologies</li> <li>• Wireless Networking</li> <li>• Network Performance and Optimization</li> <li>• Network Security – Authentication, Firewalls, Network Scanners, IPSec, VPNs, Encryption</li> <li>• Network Management and Documentation</li> </ul> <p><b>Unit 5</b></p> <ul style="list-style-type: none"> <li>• Virtualization</li> <li>• Network Troubleshooting</li> <li>• SOHO Networking Concepts</li> </ul>
<b>Course Duration</b>	<b>45 days</b>

<b>Course Name</b>	<b>MYSQL</b>
<b>About the Course</b>	PHP and MySQL are incredibly powerful open source technologies used to create functional websites and apps that go way beyond basic HTML. With Our training work with PHP and MySQL and learn how to put together a functional web app, how to set up a MySQL database, connect to and integrate with PHP. Our training in PHP-MySQL combination lays the foundation to build a complete web application from scratch and create dynamic, interactive websites.
<b>Course Objectives</b>	<p>This course is suitable for those who wants to enhance their skills PHP &amp; MySQL skills and reach the next levels in web development,</p> <ul style="list-style-type: none"> <li>• <b>Web Designer</b></li> <li>• <b>Web Developer</b></li> <li>• <b>Web Programmer</b></li> <li>• <b>Content Developer</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<ul style="list-style-type: none"> <li>• Introduction, Installation, Administration</li> <li>• PHP Syntax, Connection</li> <li>• Create/Drop/Select Database</li> <li>• Data types, Create/Drop tables</li> <li>• Query – Insert/Select/Update/Delete</li> <li>• Where/Like Clause, Sort, Join</li> <li>• NULL Values, Regexp, Alter command</li> <li>• Transactions, Indexes, Sequences</li> <li>• Temporary/Clone Tables</li> <li>• Database Export/ Import</li> <li>• PHP with MySQL</li> <li>• CRUD – Create/Read/Update/Delete</li> <li>• Upload/View/Download files</li> </ul>

	<ul style="list-style-type: none"> <li>• Pagination, Send Emails, User Registration</li> <li>• Authenticate users with PHP/HTTP</li> <li>• Introduction to Web Service</li> </ul>
<b>Course Duration</b>	<b>4 days</b>

<b>Course Name</b>	<b>MCSA : SQL Server 2012</b>
<b>About the Course</b>	<p>Database managers and administrators make extensive use of organizational and problem-solving skills, so people who find job satisfaction in achieving results through those methods are most likely to enjoy database management courses. Database managers work within organizations to develop the best ways for information to be stored, used, organized, analyzed, and presented. Our Database management training prepares aspiring administrators to</p> <ul style="list-style-type: none"> <li>• Examine and tighten the nuts and bolts of database platforms</li> <li>• Test and modify the system when necessary</li> <li>• Monitor system performance</li> <li>• Troubleshoot software issues as they arise</li> </ul>
<b>Course Objectives</b>	<p>This course is suitable to the professionals who want to have a fair understanding of the whole database spectrum, focus on hands-on work creating business intelligence (BI) solutions, including data cleansing, Extract Transform Load (ETL), and Data Warehouse implementation.</p> <ul style="list-style-type: none"> <li>• <b>Application Developer</b></li> <li>• <b>Database Developer</b></li> <li>• <b>Support Analyst</b></li> </ul>
<b>Requirement Skills</b>	
<b>Course Syllabus</b>	<p><b>70-461 Querying Microsoft SQL Server 2012</b></p> <ul style="list-style-type: none"> <li>• Introduction to SQL Server 2012</li> <li>• Introduction to Relational Databases</li> <li>• SELECT statements</li> <li>• Filtering Results with WHERE Statements</li> <li>• Joins, Subqueries, UNION statements</li> <li>• Data Aggregation, Built-in functions</li> <li>• Query Optimization</li> <li>• Advanced Data modification</li> </ul> <p><b>70-462 Administering Microsoft SQL Server 2012 Databases</b></p> <ul style="list-style-type: none"> <li>• Introduction to Administering SQL Server 2012</li> <li>• Planning &amp; Installing SQL Server 2012</li> <li>• Implementing a Migration Strategy</li> <li>• Configuring SQL Server Components</li> <li>• Managing SQL Server Agent</li> <li>• Configuring and Managing Databases</li> <li>• Configuring and Managing Instances</li> <li>• Implementing a Clustered Instance</li> <li>• Identifying and Resolving Concurrency Issues</li> <li>• Troubleshooting SQL Server, Auditing SQL Server</li> <li>• Implementing a Backup &amp; Restore Strategy</li> </ul>

	<ul style="list-style-type: none"> <li>• Implementing and Maintaining Indexes</li> <li>• Importing and Exporting Data</li> <li>• Managing Logins and Server Roles</li> <li>• Managing Users and Database Roles</li> <li>• Managing and Troubleshooting Security</li> <li>• Implementing AlwaysOn Availability Groups</li> <li>• Implementing Database Mirroring, Replication</li> </ul> <p><b>70-463 Implementing a Data Warehouse with SQL Server 2012</b></p> <ul style="list-style-type: none"> <li>• Mastering data using Master Data Services</li> <li>• Cleansing data using Data Quality Services</li> <li>• ETL Package development for data loading/transfer/transformation</li> <li>• Data Synchronization</li> <li>• One-time data or application migration</li> <li>• Ad-hoc data manipulations, transformations</li> <li>• Scheduling ETL jobs</li> <li>• Managing, configuring and deploying SQL Server</li> <li>• Integration Services (SSIS) packages</li> </ul>
<b>Course Duration</b>	<b>30 days</b>

## تعليمات وملاحظات عامة

- يصطحب المشارك في الدورات معه هوية حديثة ونافذة تحتوي على صورة شخصية حديثة .
- يكون الامتحان النهائي للدورات والاختبارات الالكتروني باستخدام برنامج VCE .
- يكون الدوام يومياً في الدورات ماعدا الجمعة والسبت .
- يمكن ترشيح أكثر من مشارك واحد لنفس الدورة .
- يزود المشارك بعد اجتيازه الاختبار بشهادة باللغتين العربية والانكليزية .
- بداية الدورات تكون أول يوم احد من بداية كل شهر
- قطع وصل بمبلغ الدورة من قسم الشؤون المالية في المركز وجلبه إلى أدارية شعبة التدريب قبل المباشرة بالدورة .
- في حال غياب المتدرب ثلاثة أيام يعتبر المتدرب مفصول من الدورة .
- تبدأ المحاضرة الساعة التاسعة صباحاً .