



COURSE	COURSE	COURSE
Civil & Architecture	Mechanical	Electrical
MODULES	MODULES	MODULES
AutoCAD 2D <u><b>Curriculum</b></u> *Introduction *File management *Orthographic drawings *View management *Parametric drawings *Isometric drawings *Publish & Plot	AutoCAD 2D <u><b>Curriculum</b></u> *Introduction *File management *Orthographic drawings *View management *Parametric drawings *Isometric drawings *Publish & Plot	AutoCAD 2D <u><b>Curriculum</b></u> *Introduction *File management *Orthographic drawings *View management *Parametric drawings *Isometric drawings *Publish & Plot
AutoCAD 3D <u><b>Curriculum</b></u> * 3D Modeling concepts *Understanding & use Viewpoint & UCS *Wireframe Modeling *Solid Modeling &Editing *Mesh Modeling & Editing *Create & Manage 2D Views from 3D Models	AutoCAD 3D <u><b>Curriculum</b></u> * 3D Modeling concepts *Understanding & use Viewpoint & UCS *Wireframe Modeling *Solid Modeling &Editing *Mesh Modeling & Editing *Create & Manage 2D Views from 3D Models	AutoCAD 3D <u><b>Curriculum</b></u> * 3D Modeling concepts *Understanding & use Viewpoint & UCS *Wireframe Modeling *Solid Modeling &Editing *Mesh Modeling & Editing *Create & Manage 2D Views from 3D Models
Micro Station <u><b>Curriculum</b></u> *Introduction *Understanding the interface *MicroStation workflow *Working with views *Creating & modifying elements	SolidWorks <u><b>Curriculum</b></u> *Introduction *Sketcher tools & constraints *Sketch editing tools *Creating base features *Treatment features	OrCAD PSpice <u><b>Curriculum</b></u> *Schematic modification for Stimulation *Bias point analysis *Parametric sweep analysis *Monte Carlo worst case analysis * AC sweep analysis
Ansys <u><b>Curriculum</b></u> *Theory of FEA *Exploring the GUI *Graphic picking *General analysis procedures *Solid modeling	Pro/Engineering	OrCAD-Capture <u><b>Curriculum</b></u> *Schematic development *Part editor *Simple & complex hierarchy projects *Multiple schematic project *Property editor
Revit Architecture <u><b>Curriculum</b></u>	Inventor	PC Schematic Automation <u><b>Curriculum</b></u> *To create an electrical geometry

<ul style="list-style-type: none"> <li>*Introduction to BIM &amp; Revit Architecture</li> <li>* Project setting</li> <li>*Multi-storey setting</li> <li>*Complete a plan by using different wall families</li> <li>* Designing complex walls &amp; wall profiles</li> </ul>		<ul style="list-style-type: none"> <li>*Conducting &amp; non conducting lines</li> <li>* To specify signals</li> <li>*An introduction to electrical projects</li> <li>*To use routers</li> <li>*Graphic terminal plan</li> </ul>
<p>Max for Engineers/Architects</p>	<p>Revit MEP</p>	
<p>Prosteel, 5D BIM using Navisworks &amp; ETABS</p>	<p>Catia</p>	
<p>JOB OPPORTUNITIES</p> <ul style="list-style-type: none"> <li>-Building Designer in Construction firms</li> <li>-Building Designer in Architectural firms</li> <li>-Interior Designer in Engineering firms</li> </ul>	<p>JOB OPPORTUNITIES</p> <ul style="list-style-type: none"> <li>-Solid Designer</li> <li>-Surface Designer</li> <li>-Automotive Engineer</li> </ul>	<p>JOB OPPORTUNITIES</p> <ul style="list-style-type: none"> <li>-Electrical Designer in Engineering Firms</li> <li>-</li> </ul>