# AutoCAD Civil & Mechanical (Level-01)

## Course Outline

| 1 | Familiarization with AutoCAD Environment  
Familiarization of line and other basic 2D objects |
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| 2 | Polar and Absolute coordinates  
poly line and poly editing |
| 3 | Using built-in objects library to add items to a drawing  
Continued |
| 4 | Getting started with mechanical drawings  
First 2D Mechanical Drawing |
| 5 | 2D Mechanical Drawings set  
Continued |
| 6 | Getting started with Civil Drawings  
First 2D Civil Drawing |
| 7 | 2D Civil Drawings set  
Continued |
| 8 | Getting familiar with viewpoint, viewports  
Familiarization with basic 3D objects |
| 9 | Converting a 2D object to 3D  
Basic 3D commands, combining two or more 3D solid objects |
| 10 | 3D Civil Drawing  
Continued |
| 11 | 3D Mechanical Drawing  
Continued |
| 12 | Rendering, applying material and lights to a drawing  
Continued |

**Course Duration:**

24 hours  
(2 hours a day, 2 days a week (Monday and Wednesday))