Certificate Course in AUTOCAD

Objective of the Course:
AutoCAD is needed in industry to increase the productivity of the designer and draft man so that drawing and designing work is accomplished in less time and the drawing are more realistic. It is therefore necessary for the technical teachers to know the features of AutoCAD very frequently used in industries.

Learning Outcomes:
After undergoing the course, the student will be able to understand the 3D-coordinate systems, generate 2D and 3D drawings and do solid modelling.

Expected Job Roles:
AutoCAD Programmer

Duration of the Course (in hours) 80 hrs

Appr. Fees (INR): Rs.5000/-

Minimum Eligibility Criteria and pre-requisites, if any ITI or Above

Outline of Course

<table>
<thead>
<tr>
<th>S. No</th>
<th>Topic</th>
<th>Minimum No. of Hours</th>
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<tbody>
<tr>
<td>1.</td>
<td>Introduction to Coordinate systems</td>
<td>6 hrs</td>
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<tr>
<td>2.</td>
<td>2D drawing &amp; editing</td>
<td>8 hrs</td>
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<tr>
<td>3.</td>
<td>3D drawing &amp; editing</td>
<td>8 hrs</td>
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<tr>
<td>4.</td>
<td>Layers, blocks, Xrefs, rendering</td>
<td>4 hrs</td>
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<td>5.</td>
<td>Solid modelling</td>
<td>4 hrs</td>
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Theory / Lecture Hours: 30 hrs
Practical / Tutorial / Lecture Hours: 50 hrs
Total Hours: 80 hrs


Group Code: CADD  Group Name: Auto-Cad / Industrial Automation

Course Code: CT01  Course Name: Certificate Course in AUTOCAD