

## **CNC Machining 3 - Axis Computer Numerical Control CAM – Computer Aided Machines Training Program**

### **Course Objectives**

CNC programming certificates programs include courses that explain what CNC is and how it works. In addition to project management, required program courses may include:

- Fundamentals of CNC technology
- CNC programming and machine operation
- CNC coordinates and offsets
- CNC controlled lathes and milling machines
- Intro to CAD/CAM
- Industrial print reading

**100,000+ Students  
have been Trained**

since  
1997

**Program is  
offered by**

**3D EDUCATORS  
INTL**  
22 Years of  
Excellence in  
Training &  
Development

**Invest in  
People the  
only Asset  
that Appreciates**



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## **Table of Content**

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Detail

Inauguration

Structure

Topics & Time Allocation

About the Program Designer & Instructor

Syllabus



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### **About the Program**

The “CNC Machining” training Program is professional designed training program and will be conducted by the Senior Consultants who have been an extensive experience in CNC – Computer Numerical Machining, and having the hands-on working on CNC Programming of 3D Axis. Further although they have working experience with private and National and Multinational Companies.

The Person are qualified and as well as International Credentials.

At present, faculty is working with the top most company in Pakistan and involve in the same field of projects in a senior position, also involved to provide training for last five years.

### **Inauguration**

The Training Program will be inaugurated by a senior member of 3DEducators.

### **Program Structure**

No of classes per week	<b>01 Class</b>
Duration of each class	<b>02 – Hour</b>
Total Duration	<b>24 Hours</b>

### **Other Learning Activities**

Classroom Assignments	<b>06</b>
Presentations by Trainees	<b>01</b>



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**Course Topics:**

**2D SKETCHING**

- Datum Planes
- Line, segment line
- Reference line, Center line
- Spline
- Arc, Ellipse,
- Trim, Corner joining
- Circle, oval
- Square, Rectangle,
- Mirror
- Rotate
- Move
- Dimensioning
- Measurement
- Orientation Setting



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**3D SOLID WORKING:**

- Extrude
- Revolve
- Blend
- Boundary Blend
- Sweep
- Variable Section Sweep
- Helical Sweep
- Helical Cut
- Projection
- Round
- Shell
- Rib
- Hole Tool
- Chamfer
- Pattern

**ADVANCE COMMANDS:**

- Solid free from Surface
- Toroidal Bend
- Pipe

**MANUFACTURING &  
PROGRAMMING:**

- Workpiece Making
- Workpiece operation
- Tool set up
- Feed system
- Cutter Decision
- Machining with cutters
- Co-ordinate system



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**ONLINE LIVE CLASSES FACILITY AVAILABLE**

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website <http://www.3deducators.com>. Fill it properly and attached the required document along with Picture and send back to [info@3deducators.com](mailto:info@3deducators.com) with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it [info@3deducators.com](mailto:info@3deducators.com). Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

**DISTANCE NOT MATTER**

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.



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### **PRECAUTIONARY MEASURES**

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

### **CONTACT US**

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021-34857148

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<http://www.3deducators.com>

Get the Admission Form

**Download Form** 

**MANAGEMENT  
3D EDUCATORS  
TRAINERS & CONSULTANTS**