

## CNC Programmer & Setter Mechanical

### Training Details

Course Code	: HCCC19
Course Name	: CNC Programmer & Setter
Duration	: 2 months
Eligibility	: +2 / ITI / DIP /BE / Equivalent

### Syllabus:

#### Theory: (1 month)

#### CNC Lathe

- Introduction of CNC Machine
- Application of CNC Machine
- Introduction of CNC lathe
- Co-ordinate methods
- Concept of Programming
- G-codes and M-codes
- Facing Program
- Step Turning
- Taper Turning
- Chamfer Program
- Cycle Programs

---

#### Address:

163 C/1, First Floor, Kamarajar Salai,  
NP TVS Showroom Opp., Ganesh Theatre Signal,  
Santha Pettai Bus Stop Near,  
Madurai – 625 009.



**99443 35447**

**99944 37733**

e mail : [caddmaster5c@gmail.com](mailto:caddmaster5c@gmail.com)

website : [www.caddmaster5c.com](http://www.caddmaster5c.com)

facebook: [www.facebook.com/caddmaster5c/](http://www.facebook.com/caddmaster5c/)

## CNC MILLING

- ❖ Introduction of Milling
- ❖ Co-ordinate methods
  - Absolute Method
  - Incremental Method
- ❖ G-codes and M-Codes
- ❖ Facing Program,
- ❖ Chamfer and Radius Program
- ❖ Programming using I,J Method
- ❖ Pocketing Program
- ❖ Canned cycle
  - Drilling
  - Boring
  - Counter Sinking
  - Counter Boring
  - Tapping
  - Reaming
- ❖ Sub Program
- ❖ Maintenance and Trouble Shooting
- ❖ Measuring Instruments

### Practical: (1 month)

- ON, OFF Proper
- HOME Position Taken
- MPG (Handle Move) Applications
- MDI, JOG
- AUTO, EDIT
- MENU OFF Set (Work co-ordinate use)
- Display Use
- Button use (Programming Typing)
- JOB dial
- BORE dial
- JOB Setting
- JOB setting Dial, TOOL setting , JOB Running, JOB Output