

Workshop Manufacturing Practices (L:1 T:0 P:4 Credit:3)

Lectures and Videos: (10 Hours) [L: 1; T: 0; P: 0 (1 Credit)]

Detailed Contents:

1. Manufacturing Methods:

- Casting
- Forming
- Machining
- Joining
- Advanced Manufacturing Methods (3 Lectures)

2. CNC Machining, Additive Manufacturing: (1 Lecture)

3. Fitting Operations and Power Tools: (1 Lecture)

4. Carpentry: (1 Lecture)

5. Plastic Moulding, Glass Cutting: (1 Lecture)

6. Metal Casting: (1 Lecture)

7. Welding:

- Arc Welding
- Gas Welding
- Brazing
- Soldering (2 Lectures)