

Production Engineering II (MEng 3222)

Assignment No. 2 (taken from Ch.2)

Maximum load 25%

Instructions

1. Prepare a standard detail note regard with the topics by including the contents listed

Note: The summary for all topic notes will be given at the end of all section presentations. (If necessary)

S.N	Topics	Contents to be included	Remark
1	Friction welding process	✓ Introduction, Sub Types (If There Is), Equipment Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
2	Ultrasonic welding process	✓ Introduction, Sub Types (If There Is), equipment Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
3	Diffusion welding process	✓ Introduction, Sub Types (If There Is), equipment Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
4	Pressure gas welding	✓ Introduction, Sub Types (If There Is), equipment Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
5	Electron-beam Welding Processes	✓ Introduction, Sub Types (If There Is), equipment Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
6	Plasma Arc Welding Processes	✓ Introduction, Sub Types (If There Is), equipment Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
7	Thermit welding	✓ Introduction, Sub Types (If There Is), equipment Used , Metals To Be Welded, How The Process Can Be Done(use schematic diagram) And, The Applications Of The Process	
8	Carbon arc welding	✓ Introduction, Sub Types (If There Is), equipment Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	

9	Projection Welding	✓ Introduction, Sub Types (If There Is), Equipments Used , Metals To Be Welded, How The Process Can Be Done(use schematic diagram) And The Applications Of The Process	
10	Laser Welding Processes	✓ Introduction, Sub Types (If There Is), Equipments Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
11	Atomic Hydrogen Welding	✓ Introduction, Sub Types (If There Is), Equipments Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And, The Applications Of The Process	
12	Diffusion Welding	✓ Introduction, Sub Types (If There Is), Equipments Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And , The Applications Of The Process	
13	Explosive Welding	✓ Introduction, Sub Types (If There Is), Equipments Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	
14	Plasma Arc Welding	✓ Introduction, Sub Types (If There Is), Equipments Used , Metals To Be Welded, How The Process Can Be Done (use schematic diagram) And The Applications Of The Process	