

LESSON PLAN (FOR RELATED THEORY PART)

TRADE : Welder		SEM:	I	YEAR-1
LEARNING OUTCOME	2	EXERCISE NO		LESSON NO (REF TO PRACTICAL):

DAY (1)	Hrs (2)	Major topics/Lesson Title (Reference syllabus) (3)	Details of each day plan (Explanation) /Sub topics (Reference NIMI book) (4)	Text and media content to be displayed for viewing (5)	Media nature (ie., 2D image/ 3D image / animation video/ Simulation etc.,) (6)	Whether Direct teaching or digital video for self learning (7)	Type of assessment Assessment (like Quiz, Identify, Fill in the blank, MCQ, etc.) (8)
1	1.5	Importance of Trade Training , Competencies, Future Learning Pathways, Employment Opportunities, General Discipline in Institute	Introduction to Welder trade	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Competencies Achieved	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Further Learning Pathways	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Employment Opportunities	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			General Discipline in Institute	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Leaves admissible to trainees, Absenteeism,	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
2	1.5	Elementary First Aid	Purpose of First Aid Assesing the sick or injured person	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Workplace Hazards, ABC Of First Aid	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Electrical Injuries, Treatment of Electric Shock,	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Electric Burns, Electric Scalds, Severe Bleeding				
			Eye Injury, Golden Hours, PPE, First Aid Box, CPR, Care of Injured person, DONT's	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment

3	1	Importance of Welding in Industry	Need of Welding	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Advantages of Welding over other methods	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Comparison between welding and other metal joining methods	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Advantages of welding	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
4	1.5	Safety precautions in Shielded Metal Arc Welding	Why Safety Needs in Wleding	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Safety Apparels and other safety dev	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Description of some safety devices	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
5	1.5	Safety precautions in oxy- acetylene Gas welding and gas cutting and safety rules for gas cylinders	Safety Equipments	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Protection for Gas cutting	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Instructions for cutting Combustible Containing Containers	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Safety Required for a Gas Cyclinder	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Steps to be followed If: (DO's)	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment