

Lesson planning for the semester starting w.e.f.

08.01.2018 Govt. Polytechnic Education Society,

Manesar

Name of the Faculty: Sh. Dharmbir

Discipline: Civil/Mechanical/ Automobile Engg.

Semester: 2nd

Subject: Workshop Practice-II (Fitting Shop)

Lesson plan duration: 15 weeks (January, 2018 to April, 2018)

Workload per week (in hours): Practical -06Hrs.

Week	Theory		Group Number	Practical	
	Lecture day	Topic		Practical day	Topic
1 st			2 nd	1 st	Care and maintenance of various measuring Tools, Handling of measuring instruments find least count & checking of zero error. use of dial gauges & filler gauges
				2 nd	Job 1: Drilling practice on soft metals
2 nd			2 nd	3 rd	Job 2: Preparation of a job by filling on non ferrous metals up to an accuracy of ± 0.1 mm.
				4 th	Description & demonstration of various types of drills taps & dies. Selection of drills & taps Precautions while drilling in soft metals.
3 rd			3 rd	5 th	Care and maintenance of various measuring Tools, Handling of measuring instruments find least

					count & checking of zero error. use of dial gauges & filler gauges
				6 th	Job 1: Drilling practice on soft metals
4 th			3 rd	7 th	Job 2: Preparation of a job by filling on non ferrous metals up to an accuracy of ± 0.1 mm.
				8 th	Description & demonstration of various types of drills taps & dies. Selection of drills & taps Precautions while drilling in soft metals.
5 th				9 th	1 st Sessional Test
				10 th	
6 th			4 th	11 th	Care and maintenance of various measuring Tools, Handling of measuring instruments find least count & checking of zero error. use of dial gauges & filler gauges
				12 th	Job 1: Drilling practice on soft metals
7 th			4 th	13 th	Job 2: Preparation of a job by filling on non ferrous metals up to an accuracy of ± 0.1 mm.
				14 th	Description & demonstration of various types of drills taps & dies. Selection of drills & taps Precautions while drilling in soft metals.

8 th			5 th	15 th	Care and maintenance of various measuring Tools, Handling of measuring instruments find least count & checking of zero error. use of dial gauges & filler gauges
				16 th	Job 1: Drilling practice on soft metals
9 th			5 th	17 th	Job 2: Preparation of a job by filling on non ferrous metals up to an accuracy of ± 0.1 mm.
				18 th	Description & demonstration of various types of drills taps & dies. Selection of drills & taps Precautions while drilling in soft metals.
10 th				19 th	2 nd Sessional Test
				20 th	
11 th			5 th	21 st	Care and maintenance of various measuring Tools, Handling of measuring instruments find least count & checking of zero error. use of dial gauges & filler gauges
				22 nd	Job 1: Drilling practice on soft metals
12 th			5 th	23 rd	Job 2: Preparation of a job by filling on non ferrous metals up to an accuracy of ± 0.1 mm.
			2 nd	24 th	Description & demonstration of various types of drills taps & dies. Selection of drills & taps Precautions while drilling in soft metals.

13 th			2 nd	25 th	File & make angle, surface make simple open & sliding fits inside square fit , make combine & sliding fit, straight sides
				26 th	
14 th			2 nd	27 th	Job 3: Step Fit or Angular V Fitting or Radius Fitting
				28 th	
15 th				29 th	3 rd - Seasonal Test
				30 th	

