

## Syllabus for ME-251 Laboratory

Instructor: Yogesh Prabhu Bhushanraj

Class: ME 251

Time: Monday & Tuesday 1:30pm-4:00pm

### TENTATIVE SCHEDULE

Lab Topics	Date		Report due	
	B1	B2	B1	B2
Introduction	08/20	08/21		
Library Tour(by Beth Smith)/				
Assignment-1	08/27	08/28	09/10	09/04
Tensile Testing of Aluminum	09/10	09/04	09/17	09/11
Quiz-1	09/17	09/11		
Tensile Testing of Composites	09/24	09/18	10/01	09/25
Quiz-2	10/01	09/25		
Fatigue Life Testing/	10/08	10/02	10/22	10/09
Assignment-2				
Quiz-3	10/22	10/09		

Room Temperature Creep	10/22	10/23	10/29	10/30
Quiz-4	10/29	10/30		
DBTT of 1045CR Steel	11/05	11/06	11/12	11/13
Assignment-3				
Quiz-5	11/12	11/13		
Heat Treatment of Steel	11/12	11/13	11/19	11/20
and its effect on Hardness				
and Impact properties				
Final Review	11/26	11/27		
<b>Final Exam</b>	12/03	12/04		

**All Reports are due at the ME Department Front desk before 4:00PM of the due date.**

**“Good Luck For The Semester”**