

## MEE 390 Lab Syllabus and Schedule

MEE 390 Lab Schedule			
Week 1	24-Jan	Intro to Lab	
Week 2	31-Jan	Lab 1 - Temperature	
Week 3	7-Feb	Lab 2 - Strain/Freq	Lab 1 Due
Week 4	14-Feb	Lab 3 - Fluid Flow	Lab 2 Due
Week 5	21-Feb	Group Formation	
Week 6	28-Feb	Lab 4 - DAQ Drill	Lab 3 Due
Week 7	6-Mar	Project Meeting 1	
Week 8	13-Mar	Spring Break	
Week 9	20-Mar	Lab 5 - DAQ Coaster	Lab 4 Due
Week 10	27-Mar	Project Meeting 2	
Week 11	3-Apr	Project Meeting 3	Lab 5 Due
Week 12	10-Apr	Project Meeting 4	
Week 13	17-Apr	Project Meeting 5	
Week 14	24-Apr	Project Meeting 6	
Week 15	1-May	Project Meeting 7	

**Attendance:** You must attend a lab instruction on Tuesdays of weeks 3, 4, 6, 9, and 11. You will not be performing the lab during this time. Once you have attended the instruction, you are free to perform the lab at your group's convenience. You must also be in attendance for week 5, in which we will form groups for your final project and begin establishing your project. The following days are intended for your group to meet and work together, and to ask for my (Brandon) assistance, if you are having trouble. However, you are not required to show up on those days.

**Due Dates:** Your reports are due on the Monday prior to next lab instruction. You are welcome to begin the lab directly following the lab instruction.

**Report Guidelines:** As the semester progresses, you will learn how to write all of the different sections of a formal engineering experiment report. You will not be expected to write all sections in your first few lab reports. Thus, I have outlined below what I expect for each lab report.

Lab 1 – Title Page, Procedure, Results, Conclusion,

Lab 2 – Theory, Procedure, Results, Conclusion, Appendix

Lab 3 – Contents, Theory, Procedure, Results, Conclusion, Appendix

Lab 4 – Contents, Introduction, Theory, Procedure, Results, Conclusion, Appendix

Lab 5 – All Sections

Each group will consist of 3-4 people. Each group will submit one report for their group. However, each member will submit their own abstract.

**Grading:** The report will be worth 20 points and the abstract is worth 5, totaling 25 points.

Group report	20
Individual abstract	5
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Total	25

**Lab Safety:** When performing any experiment in the lab, safety is to be held paramount. The Lab safety form must be completed prior to attending Lab 0 instruction. If it is not completed, you will not be granted entry to the lab.