

**Measurements Lab II - MAE 3183 – Spring 2015**  
**TUESDAY and THURSDAY GROUPS and SCHEDULE**

GROUP	Tuesday	Thursday
G. 1	Gurpreet Singh & Moses Ejiolor-Nnaji	John Fennel & Austin William
G. 2	Tristan Peterson & Amir Shrestha	Brian Hall & James Conlon
G. 3	Kevin Diaz & Duy Lu	Jesus Villarreal & Arian McDowell
G. 4	Michael Araujo & Filiph Cost	Shawn Moehring & Deependra Shrestha
G. 5	Brandon Stevens & Jacob Bell	Prakash Sharma & Claire Simmons
G. 6	Austin McIntire & Cayetano Chavez-Garcia	Ifeanyi Ofor
G. 7		Nicholas Gray & Jigarkumar Prajapati

**First Week of Experiments is (W 1) February 2, 2015**

Wk	W 1 2/2	W 2 2/9	W 3 2/16	W 4 2/23	W 5 3/2	W 6 3/16	W 7 3/23	W 8 3/30	W 9 4/6	W 10 4/13	W 11 4/20
G 1	1		7	6	5	4	3	2	8	TBD	TBD
G 2	2	1		7	6	5	4	3	8	TBD	TBD
G 3	3	2	1		7	6	5	4	8	TBD	TBD
G 4	4	3	2	1		7	6	5	8	TBD	TBD
G 5	5	4	3	2	1		7	6	8	TBD	TBD
G 6	6	5	4	3	2	1		7	8	TBD	TBD
G 7	7	6	5	4	3	2	1		8	TBD	TBD
G 8		7	6	5	4	3	2	1	8	TBD	TBD
G 9											

**Experiment Number and Title (follow the numbering scheme below)**

Exp. 1: Physical System Response

Exp. 2: myRIO LabVIEW Mechatronics

Exp. 3: Strain Measurement

Exp. 4: Viscous Flow

Exp. 5: Air Drag Force

Exp. 6: LabVIEW Strain Gage Integration

Exp. 7: Impulse Turbine

**NOTES:**

- Carefully study the experimental manuals and be ready for the Q&A. You might have to re-visit notes and/or textbooks from the corresponding theory class.
- The Strain Measurement experiment requires you to perform a pre-lab analysis; make sure you perform it correctly and include the analysis and results in your pre-lab.
- The Response of a Physical System experiment is the Key Assignment. You might have to reference your MAE 3319 notes if you have any ambiguities.
- On one of your off days, you might need to come to class to complete the myRIO assignment.

**Measurements Lab II - MAE 3183 – Spring 2015**  
**WEDNESDAY SESSION GROUPS and SCHEDULE**

GROUP	Wednesday
G. 1	Hunter Higgins & Aaron Read
G. 2	Alexandre Selianov & Michael Davis
G. 3	Mauro Guadiana & Allen Sager
G. 4	Austin Mears & Travis Butler
G. 5	Samer Malaabi & Humaidhee Sanoon
G. 6	Erin Smith & Derek Roemer
G. 7	Wesley Mercer & Steven Baily
G. 8	Rafael Soto & Joseph Frank
G. 9	Alex Ames & Parker Hayden

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G 2	2			7	6	5	4	3	1	TBD	TBD
G 3	3	1			7	6	5	4	2	TBD	TBD
G 4	4	2	1			7	6	5	3	TBD	TBD
G 5	5	3	2	1			7	6	4	TBD	TBD
G 6	6	4	3	2	1			7	5	TBD	TBD
G 7	7	5	4	3	2	1			6	TBD	TBD
G 8		6	5	4	3	2	1		7	TBD	TBD
G 9		7	6	5	4	3	2	1		TBD	TBD

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