Week (Monday)	Topics	Reading (Munson 8th Ed.)
01/18/16	Properties of a Fluids & Flows, Dimensions, Units, Ideal Gases	Chapter 1 skim it; Chapter 2 to section 2.6
	Pressure, Hydrostatic equilibrium	Lectures 1 and 2
01/25/16	Hydrostatic equilibrium	Chapter 2 to section 2.7 - 2.8
	Multi-density fluids	Lectures 3 - 5
02/01/16	Thermodyanmics, Pressure in Ideal Gases	Chapter 2 section 2..9 - 2.11
	Isentropic Flows, Barometers	Lectures 6 - 8
02/08/16	Forces & Torques on Submerged Plates	Chapter 2 sections 2.12 - end
	Buoyancy, Archimedes, Gauss	Lectures 9 - 11
02/15/16	*Monday - no class* -Suction Cups, Atlantis, Archimedes and Forces on Plates	
	Conservation Laws and Control Volumes	Lectures 12 -13
02/22/16	**Mid-Term 1 on Friday**	Chapter 3
	Eulers Equation, streamlines, streaklines	Lectures 14 - 15
02/29/16	Bernoulli Equation, Wings, Stagnation Points	Chapter 4 section 4.1
	Applications of Bernoulli	Lectures 16 - 18
03/07/16	Bernoulli applied to Potential Flow, Barotropic Flow, Rotating Flow	Chapter 4 4.2 - end
	Point Sources and Sinks	Lectures 19 - 21
03/14/16	Point Sources and sinks	
	Point Vortices	Lectures 22 - 24
03/21/16	**S P R I N G B R E A K !!!!!!!!!**	
03/28/16	Control Volumes	Chapter 5
		Lectures 25 - 27
04/04/16	Out of Control Volumes	Chapter 6
		Lecture 28 - 30
04/11/16	**Mid-Term 2 on Friday**	Chapter 8
	Navier-Stokes Equation	Lectures 31 -32
04/18/16	Dimensional analysis -Laminar & Turbulent Flow	Chapter 7
		Lectures 33 - 35
04/25/16	Compressible flow	Chapter section 11 11.1 - 11.7
	Laval nozzle	Lectures 36 - 38
05/09/16	**FINAL EXAM ON MONDAY 7:00pm - 10:00pm**	