

ME 304 – Fluid Mechanics – Assignment Sheet

Text: Munson, Young and Okiishi, Huebsch, Wade, *Fundamentals of Fluid Mechanics*, 8th edition, John Wiley

WEEK	CHAPTER	TOPIC	HW
1	1	Introduction	72,74,77,80,81,87(a),122
2	2	Fluid Statics	39, 57,88,102,106,128,142
3	3	Bernoulli's Equation	57, 63, 75, 81, 87, 88
4	4	Fluid Kinematics	3,8,12,23,34,39
5	5	Control Volume, Mass	17, 19, 22, 26, 27, 31, 33
Test 1			
6	5	Control Volume Analysis, Momentum	37,44,45,51,53,62,70,80
7	5	Control Volume Continued – Energy	108
9	7	Dimensional Analysis	9,11, 12, 18, 63, 65
8	6	Differential Analysis	5,7,8,11,12 73,79,80,82, 96,97
Test 2			
10-11	8	Pipe Flows	16, 38, 80, 83, 87, 93, 102
12-13	9	External Flows	13,14,20,49,56
14	9	Drag	74
Final			