

Detailed Course outline for ChemE 466, Fall 2009

Date	Topics	Reading	On-line lecture	Homework Assigned	Homework Due
9/8	• Introduction, course organization	http://controls.engin.umich.edu/wiki/index.php/VerbalModeling	Lectures #1, 2 and 3	HW #1	
9/10	• Measuring and controlling (sensors and control devices)	http://controls.engin.umich.edu/wiki/index.php/LevelSensors http://controls.engin.umich.edu/wiki/index.php/ValveTypesSelection	Lecture #8		
9/15	• System Instrumentation	http://controls.engin.umich.edu/wiki/index.php/TemperatureSensors http://controls.engin.umich.edu/wiki/index.php/FlowSensors http://controls.engin.umich.edu/wiki/index.php/CompositionSensors http://controls.engin.umich.edu/wiki/index.php/PressureSensors	Lecture #9	HW #2	HW #1
9/17	• Industrial panels (from Career Fair)				
9/22	• P&IDs	http://controls.engin.umich.edu/wiki/index.php/PIDStandardNotation http://controls.engin.umich.edu/wiki/index.php/PIDStandardStructure http://controls.engin.umich.edu/wiki/index.php/PIDStandardPitfalls http://controls.engin.umich.edu/wiki/index.php/PIDSafetyFeatures	Lecture #10		HW #2
9/24	• Control Programs		Lecture #11		
9/29	Exam 1	Exam 1			
10/01	•			HW #3	
10/6	•				
10/8					HW #3
10/13					

10/15	•				
10/20	• Fall Break	No class			
10/22	•				
10/27					
10/29	•				
11/3	•				
11/5	• Exam II	Exam II			
11/10	•				
11/12	•				

11/17					
11/19					
11/24	•				
11/26	• Thanksgiving	Break			
12/1	•				
12/3					
12/8	•				
12/10	•				
12/15	•				
12/21	FINAL				