

ABE2012C: Introduction to Biological Engineering - Schedule

Wk	Dates	Mon. Class	Mon. Lab	Wed. Class	Due
0	Aug. 18 & 20	First week of semester, no MW classes			
1	Aug. 25 & 27	Class Introductions	Lab 1: Using Navigator AI	Professional Issues: Biological Engineering and Sustainability	
2	Sept 1 & 3	Holiday		Professional Issues: Licensure and Ethics	
3	Sept. 8 & 10	Professional Issues: The Engineering Design Process	Lab 2: Creating a Biosensor	Professional Issues: Teamwork and Project Management	Assignment 1
4	Sept. 15 & 17	Guest Speaker: Dr Judge, Remote Sensing	Lab 3: Bridge Prototype Testing	Engineering Economics: Time value of money	Assignment 2
5	Sept. 22 & 24	Engineering Economics: Ammortization	Lab 4: Biosensors Lab Tour, Dr. Jose Reyes	Guest Speaker: Career Connectecions	Team Contract
6	Sept 29 & Oct. 1	Engineering Economics: Life Cycle Costing	Lab 5: Design Optimization	No Class, ABE Career Fair	Assignment 3
7	Oct. 6 & 8	Guest Speaker: Dr. Welt, Packaing Engineering	Lab 6: Food Science Pilot Lab	Review for Exam 1	Assignment 4
8	Oct. 13 & 15	Exam 1	Lab 7: Academic Planning	Statistics: Descriptive Statistics, Measurement & Error	Assignment 5
9	Oct. 20 & 22	Statistics: Normal Distribution	Lab 8: Water Resources	Statistics: Confidence Intervals	Exam 1
10	Oct. 27 & 29	Statistics: Hypothesis Testing	Lab 9: Urban Water Quality Sensing	Statistics: Correlation and Regression	Assignment 6
11	Nov. 3 & 5	Statistics: Design of Experiments	Lab 10: Experimental Design	Guest Speaker: Graduate Student Panel	Assignment 7
12	Nov. 10 & 12	Guest Speaker: Dr. Ying Zhang, Controlled Environment Ag.	Lab 11: Horticulture Gardens	Review for Exam 2	Assignment 8
13	Nov. 17 & 19	Exam 2	Lab 12: Space Crop Production & Controlled Environment Ag.	Team Project: Work Day	Assignment 9
14	Nov. 24 & 26	Thanksgiving Break			Exam 2
15	Dec. 1 & 3	Team Project: Presentations	No Lab	Team Project: Presentations	Team Project Updates
16	Dec. 9-13	* * Finals week * *			Team Poster
					Team Project Reflection Essay