E : 102			T '				7			
Engin 103	Topics:									
December 14, 2010			Sample re	eview ques	<u>tions</u>					
back to a syllabus			LOGDOOK	questions						
back to e-synabus										
Project 3 Performance Grades										
Section 1										
Total part I P&D (90)	84.00	79.50	75.00	66.00	78.00	88.50	87.00	81.00	0.00	0.00
Project 3 -part I P&D/ Teams	1	2	3	4	5	6	7	8	9	10
Total part II P&D (90)	87.	00 73.50	76.50	70.50	79.50	88.50	85.50	82.50	0.00	0.00
Project 3 -part II P&D/		1 2	3	4	5	6	7	8	9	10
Teams								L	L	
Section 2										
Total part I P&D (90)	69.	00 79.50	70.50	73.50	79.50	87.00	81.00	87.00	88.50	78.00
Project 3 -part I P&D/ Teams		1 2	3	4	5	6	7	8	9	10
Total part II P&D (90)	75.	00 78.00	79.50	73.50	84.00	88.50	79.50	87.00	88.50	82.50
Project 3 -part II P&D/		1 2	3	4	5	6	7	8	9	10
Teams										
				•						
back				• •			.1 (? 1			
Sample review questions. You	should	also review	the logboo	ok question	s as prepa	ration for	the final e	xam.		
Remember you need to present	the logb	ook upon a	rrival to tak	the final	exam.					
What of these five option	ns hest (describe one	or more diff	erences het	ween scier	nce and en	aineerina?			
A Calculus versus algebra										
B Experiments versus the	B Experiments versus theory									

C	Focus on understanding Nature versus focus on building a practical system
F	Approximation versus precision General versus specific
E A B C D E	Six steps of a supply chain are: 1) Raw materials processing 2) Components manufacturing 3) Product assembly 4) Transportation 5) Sales centers 6) End customer. In a supply chain for cell phones, what of the following engineering fields has the least to do with supply step #6? Civil Engineering Biomedical Engineering Mechanical Engineering Electrical Engineering Geological and Geophysical Engineering
A B C D E	How many guesses should I enter into column 3 of the spreadsheet if I would like to implement a quadric model (fourth order polynomial) 1 3 2 4 5
A B	If I use only the highest order term of a polynomial, increasing the polynomial order will lower the minimized s parameter. True False
A B	Look at equations (2)-(4) for the potentials V2-V4 in Circuit Analysis with LabVIEW III. The sub-Vi V_next can be used to calculate V2. Can we use it to calculate V4 and V6 as well? Yes No

A B C D E	A very common error when implementing a Case Structure is Undefined variable Missing assigned tunnel Missing semicolon at the end of the formula Content of the True and False windows are not the same Missing a string constant				
back					
back					
LOGBOOK: example of a logbook page					
 -Use a quadrille notebook; number all pages; date all entries -Write your notes for all activities, thoughts, problems and solutions, and learning conclusions related to Engin 103. You should write down progress, outcomes, and conclusions on projects and teamwork; conclusions from class work (including LabVIEW) and homework. -In addition you should answer in the logbook all questions listed in these notes in blue, as shown below: 					
<u>back</u>					