

ENGN2226 ENGINEERING SYSTEMS ANALYSIS 2008

					Course Modules					
WEEK 01 ANU week 8	Monday	25-Feb-08			Intro and descriptive stats: RM					
	Tuesday	26-Feb-08	PHYS-T	L01		Introductory, Admin				
	Wednesday	27-Feb-08	PHYS-T	L02		Modelling				
	Thursday	28-Feb-08								
	Friday	29-Feb-08	PHYS-T	L03		Distributions				
	Saturday	1-Mar-08								
	Sunday	2-Mar-08								
WEEK 02	Monday	3-Mar-08			Intro and descriptive stats: RM					
	Tuesday	4-Mar-08	PHYS-T	L04		Statistics				
	Wednesday	5-Mar-08	PHYS-T	L05		Robust Statistics, outliers				
	Thursday	6-Mar-08								
	Friday	7-Mar-08	PHYS-T			Comparing data				
	Saturday	8-Mar-08								
	Sunday	9-Mar-08								
WEEK 03	Monday	10-Mar-08			Probability and RVs: RM					
	Tuesday	11-Mar-08	PHYS-T	L06		Probability	Descriptive Statistics I	TUTE 01		
	Wednesday	12-Mar-08	PHYS-T	L07		Densities		Descriptive statistics		
	Thursday	13-Mar-08								
	Friday	14-Mar-08	PHYS-T	L08		Conditional probability				
	Saturday	15-Mar-08								
	Sunday	16-Mar-08								
WEEK 04	Monday	17-Mar-08			Probability and RVs: RM					
	Tuesday	18-Mar-08	PHYS-T	L09		Random Variables I	Descriptive Statistics II		PROB I	
	Wednesday	19-Mar-08	PHYS-T	L10		Random variables II				
	Thursday	20-Mar-08								
	Friday	21-Mar-08								
	Saturday	22-Mar-08								
	Sunday	23-Mar-08								
WEEK 05	Monday	24-Mar-08			Probability and RVs: RM					
	Tuesday	25-Mar-08	PHYS-T			Spare	Discrete probability I	TUTE02		
	Wednesday	26-Mar-08	PHYS-T	L11		Examples. Discrete pdf's		Probability and RVs		
	Thursday	27-Mar-08								
	Friday	28-Mar-08	PHYS-T	L12		Examples. Continuous pdf's				
	Saturday	29-Mar-08								
	Sunday	30-Mar-08								
WEEK 06	Monday	31-Mar-08			Inference and advanced probability: HN					
	Tuesday	1-Apr-08	PHYS-T	L13		Bayes Rule	Discrete probability II		PROB II	
	Wednesday	2-Apr-08	PHYS-T	L14		Estimators				
	Thursday	3-Apr-08								
	Friday	4-Apr-08	PHYS-T	L15		Point estimators.				
	Saturday	5-Apr-08								
	Sunday	6-Apr-08								
WEEK 07	Monday	7-Apr-08			Inference and advanced probability: HN					
	Tuesday	8-Apr-08	PHYS-T	L16		Confidence Intervals				
	Wednesday	9-Apr-08	PHYS-T			Review				
	Thursday	10-Apr-08								
	Friday	11-Apr-08	PHYS-T	EXAM		EXAM				
	Saturday	12-Apr-08								
	Sunday	13-Apr-08								
SEMESTER BREAK	Monday	14-Apr-08								
	Tuesday	15-Apr-08								
	Wednesday	16-Apr-08								
	Thursday	17-Apr-08								
	Friday	18-Apr-08								
	Saturday	19-Apr-08								
	Sunday	20-Apr-08								

SEMESTER BREAK	Monday	21-Apr-08									
	Tuesday	22-Apr-08									
	Wednesday	23-Apr-08									
	Thursday	24-Apr-08									
	Friday	25-Apr-08									
	Saturday	26-Apr-08									
	Sunday	27-Apr-08									
WEEK 08	Monday	28-Apr-08									
	Tuesday	29-Apr-08	PHYS-T	L17	Inference etc: HN	Joint distributions	Bayesian Inference I	TUTE 03 Bayes Rule, Estimators			
	Wednesday	30-Apr-08	PHYS-T	L18		Conditional densities					
	Thursday	1-May-08									
	Friday	2-May-08	PHYS-T	L19		Random Variables III					
	Saturday	3-May-08									
	Sunday	4-May-08									
Monday	5-May-08										
WEEK 09	Tuesday	6-May-08	PHYS-T	L20	Regression: LB	Correlation	Bayesian Inference II			PROB III	
	Wednesday	7-May-08	PHYS-T	L21		Linear Regression					
	Thursday	8-May-08									
	Friday	9-May-08	PHYS-T	L22		Linear prediction					
	Saturday	10-May-08									
	Sunday	11-May-08									
	Monday	12-May-08									
WEEK 10	Tuesday	13-May-08	PHYS-T	L23	Regression: LB	Multi-linear regression I	Regression - I	TUTE 04 Regression			
	Wednesday	14-May-08	PHYS-T	L24		Multi-linear regression II					
	Thursday	15-May-08									
	Friday	16-May-08	PHYS-T			Non-linear regression and information bounds					
	Saturday	17-May-08									
	Sunday	18-May-08									
	Monday	19-May-08									
WEEK 11	Tuesday	20-May-08	PHYS-T	L25	Decision Theory: HN	Decision theory	Regression- II			PROB IV	
	Wednesday	21-May-08	PHYS-T	L26		Significance testing					
	Thursday	22-May-08									
	Friday	23-May-08	PHYS-T	L27		t-tests					
	Saturday	24-May-08									
	Sunday	25-May-08									
	Monday	26-May-08									
WEEK 12	Tuesday	27-May-08	PHYS-T	L28	Decision Theory: HN	Two-sample t-tests	Significance test I	TUTE 05 Significance testing			
	Wednesday	28-May-08	PHYS-T	L29		Power and f-tests					
	Thursday	29-May-08									
	Friday	30-May-08	PHYS-T			SPARE					
	Saturday	31-May-08									
	Sunday	1-Jun-08									
	Monday	2-Jun-08									
WEEK 13	Tuesday	3-Jun-08	PHYS-T	L30	Systems Engineering: g: RM	Systems Theory	Significance test II			PROB V	
	Wednesday	4-Jun-08	PHYS-T	L31		Bayesian filtering and EM					
	Thursday	5-Jun-08									
	Friday	6-Jun-08	PHYS-T			Course Summary.					
	Saturday	7-Jun-08									
	Sunday	8-Jun-08									