

First Year Engineering, 2012/2013

	MA140 Calculus	MP120 Mechanics	MM120 Methods
	TERM I	TERM I	TERM II
Lecture 1	Limits & Derivatives 1	Vectors 1	Linear Algebra 1
Lecture 2	Limits & Derivatives 2	Vectors 2	Linear Algebra 2
Lecture 3	Limits & Derivatives 3	Vectors 3	Linear Algebra 3
Lecture 4	Limits & Derivatives 4	Vectors 4	Linear Algebra 4
Lecture 5	Limits & Derivatives 5	Vectors 5	Linear Algebra 5
Lecture 6	Limits & Derivatives 6	Vectors 6	Linear Algebra 6
Lecture 7	Continuous Functions	Kinematics 1	Linear Algebra 7
Lecture 8	Intermed. Val. Thm.	Kinematics 2	Linear Algebra 8
Lecture 9	Differentiation 1	Kinematics 3	Linear Algebra 9
Lecture 10	Differentiation 2	Kinematics 4	Linear Algebra 10
Lecture 11	Differentiation 3	Kinematics 5	Linear Algebra 11
Lecture 12	Differentiation 4	Relative Velocity 1	Linear Algebra 12
Lecture 13	Differentiation 5	Relative Velocity 2	Linear Algebra 13
Lecture 14	Differentiation 6	Newton's Laws 1	Linear Algebra 14
Lecture 15	Exps and Logs 1	Newton's Laws 2	Complex Numbers 1
Lecture 16	Exps and Logs 2	Newton's Laws 3	Complex Numbers 2
Lecture 17	Elementary ODEs 1	Newton's Laws 4	Complex Numbers 3
Lecture 18	Elementary ODEs 2	Newton's Laws 5	Complex Numbers 4
Lecture 19	Elementary ODEs 3	Class Test	Class Test
Lecture 20	Review	Impulse & Momentum 1	ODEs 1
Lecture 21	Class Test	Impulse & Momentum 2	ODEs 2
Lecture 22	Integration 1	Impulse & Momentum 3	ODEs 3
Lecture 23	Integration 2	Impulse & Momentum 4	ODEs 4
Lecture 24	Integration 3	Impulse & Momentum 5	ODEs 5
Lecture 25	Integration 4	Work, Power & Energy 1	ODEs 6
Lecture 26	Integration 5	Work, Power & Energy 2	ODEs 7
Lecture 27	Integration 6	Work, Power & Energy 3	ODEs 8
Lecture 28	Integration 7	Work, Power & Energy 4	ODEs 9
Lecture 29	Integration 8	Work, Power & Energy 5	ODEs 10
Lecture 30	Integration 9	Circular Motion 1	ODEs 11
Lecture 31	Integration 10	Circular Motion 2	ODEs 12
Lecture 32	Integration 11	Rigid Body Motion 1	ODEs 13
Lecture 33	Integration 12	Rigid Body Motion 2	ODEs 14
Lecture 34	Integration 13	Rigid Body Motion 3	ODEs 15
Lecture 35	Review 1	Rigid Body Motion 4	ODEs 16
Lecture 36	Review 2	Rigid Body Motion 5	ODEs 17