

## BEng (Hons) Mechanical

	β YEAR			γ YEAR			δ YEAR			ε YEAR		
	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CORE	<a href="#">Workshop Technology</a> 3	<a href="#">Engineering Mathematics I</a> 3	<a href="#">Properties of Materials I</a> 3	<a href="#">Engineering Mathematics II</a> 3	<a href="#">Engineering Mathematics III</a> 3	<a href="#">Electrical Technology III</a> 3	<a href="#">Microprocessor Systems &amp; Interfacing</a> 3	<a href="#">Theory of Machines</a> 3	<a href="#">Manufacturing &amp; Operations Management</a> 3	<a href="#">Project</a> 5	<a href="#">Project</a> 5	<a href="#">Industrial Training</a> 3
		<a href="#">Electrical Technology I</a> 3	<a href="#">Engineering Graphics</a> 3	<a href="#">Strength of Materials</a> 3	<a href="#">Fluid Mechanics</a> 3	<a href="#">Engineering Design I</a> 3	<a href="#">Engineering Design II</a> 3	<a href="#">Fluid Dynamics</a> 3		<a href="#">Tribology</a> 3	<a href="#">Industrial Management</a> 3	
		<a href="#">Applied Statics</a> 3		<a href="#">Electrical Technology II</a> 3	<a href="#">Mechanics of Materials</a> 3		<a href="#">Applied Thermodynamics II</a> 3	<a href="#">CAD/CAM</a> 3		<a href="#">Heat Transfer</a> 3		
		<a href="#">Principles of Thermodynamics</a> 3		<a href="#">Applied Thermodynamics I</a> 3	<a href="#">Applied Dynamics</a> 3		<a href="#">Measurement &amp; Instrumentation</a> 3	<a href="#">Control Engineering</a> 3				
		<a href="#">Computer and Program Design</a> 3					<a href="#">Numerical Analysis</a> 3					
ELECTIVE*								<a href="#">Industrial Ergonomics</a> 3		<a href="#">Energy Technologies</a> 3	<a href="#">Thermal Aspects of Buildings</a> 3	
								<a href="#">Properties of Materials II</a> 3		<a href="#">Robotics and Automation</a> 3	<a href="#">Operations Research</a> 3	
								<a href="#">Finite Element Method</a> 3		<a href="#">Fluid Power</a> 3	<a href="#">Mechanical Vibrations</a> 3	
											<a href="#">Internal Combustion Engine</a> 3	
											<a href="#">Computational Fluid Dynamics</a> 3	
ARTS & HUMANITIES	<a href="#">Islamic Studies / Moral Studies</a> 3			<a href="#">Co-curriculum</a> 2	<a href="#">Basic Economics, Accounting &amp; Management</a> 3				<a href="#">Malaysian Studies</a> 3	<a href="#">Engineer &amp; Society</a> 3	<a href="#">Law for Engineers</a> 3	
	<a href="#">Technical Communications</a> 3			<a href="#">Introduction to Cyberpreneurship</a> 1								
	<a href="#">Bahasa Kebangsaan A / Bahasa Kebangsaan B</a> 3											
<b>Total (139 credit hours)</b>	12	15	6	15	15	6	15	15	6	17	14	3

\* Elective Subjects are Subject to Change  
 Elective 1 (trimester 1 of ε year) : Choose 1 subject  
 Elective 2 (trimester 2 of δ year) : Choose 1 subject  
 Elective 3 (trimester 2 of ε year) : Choose 1 subject