

**Intake 35**

**Semester 2**

**List of Modules**

## Semester 2

### List of Modules

**Degree Program: B.Sc. Engineering in Aeronautical Engineering**

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
AE 1203	Airframe Systems	C	3	
CE 1222	Structural Mechanics I	C	2	
CE 1242	Fluid Mechanics I	C	2	
ME 1202	Fundamentals of Thermodynamics	C	2	
ME 1212	Engineering Materials	C	2	
ME 1222	Applied Mechanics	C	2	
MA 1203	Calculus	C	3	
DL 2141	English: Advanced Study Skills (Engineering)	C		1
	<b>Total</b>		<b>16</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Aircraft Maintenance Engineering**

CODE	MODULE	CATEGORY	CREDITS	
			GPA	NGPA
AM 1203	Aerodynamics I	C	3	
AE 1203	Airframe Systems	C	3	
AM 1213	Aircraft Materials and Hardware	C	3	
ME 1202	Fundamentals of Thermodynamics	C	2	
MA 1203	Calculus	C	3	
ME 1222	Applied Mechanics	C	2	
CE 1222	Structural Mechanics I	C	2	
DL 2141	English: Advance Study Skills (Engineering)	C		1
	<b>Total</b>		<b>18</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Biomedical Engineering**

Code	Module	Category	Credits	
			GPA	NGPA
BM1202	Introduction to Biomedical Engineering	C	1	-
BM1211	Introductory Biology	C	2	-
BM1222	Introductory Chemistry	C	2	-
BM1232	General Physics I	C	2	-
EE1203	Theory of Electricity	C	3	-
MA1203	Calculus	C	3	-
ME1222	Applied Mechanics	C	2	-
IT2022	Object Oriented Programming	C	2	-
DL2141	English - Advance Study Skills	C	-	1
	<b>Total</b>		<b>17</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Civil Engineering**

Code	Module	Category	Credits	
			GPA	NGPA
MA1203	Calculus	C	3	
ME1222	Applied Mechanics	C	2	
ME1202	Fundamentals of Thermodynamics	C	2	
CE 1222	Structural Mechanics I	C	2	
CE 1203	Building Construction and Materials	C	3	
CE 1213	Soil Mechanics and Geology	C	3	
CE 1242	Fluid Mechanics I	C	2	
DL2141	English: Advanced Study Skills (Engineering)	C		1
	<b>Total</b>		<b>17</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Electrical and Electronic Engineering**

Code	Module	Category	Credits	
			GPA	NGPA
EE1203	Theory of Electricity	C	3	
EE1212	Electronic Systems 1	C	2	
ET1202	Introduction to Telecommunication	C	2	
ME1202	Fundamentals of Thermodynamics	C	2	
ME1222	Applied Mechanics	C	2	
MA1203	Calculus	C	3	
IT2022	Object Oriented Programming	C	2	
DL2141	English - Advance Study Skills (Engineering)	C		1
	<b>Total</b>		<b>16</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Electronic and Telecommunication Engineering**

Code	Module	Category	Credits	
			GPA	NGPA
EE1203	Theory of Electricity	C	3	
EE1212	Electronic Systems 1	C	2	
ET1202	Introduction to Telecommunication	C	2	
ME1202	Fundamentals of Thermodynamics	C	2	
ME1222	Applied Mechanics	C	2	
MA1203	Calculus	C	3	
IT2022	Object oriented Programming	C	2	
DL2141	English - Advance Study Skills (Engineering)	C		1
	<b>Total</b>		<b>16</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Mechanical Engineering**

CODE	MODULE	CREDITS		
		Category	GPA	NGPA
MA 1203	Calculus	C	3	
EE 1203	Theory of Electricity	C	3	
ME 1222	Applied Mechanics	C	2	
ME 1202	Fundamentals of Thermodynamics	C	2	
ME 1212	Engineering Materials	C	2	
CE 1222	Structural Mechanics I	C	2	
CE 1242	Fluid Mechanics I	C	2	
DL 2141	English: Advanced Study Skills (Engineering)	C		1
	<b>Total</b>		<b>16</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Mechatronic Engineering**

Code	Module	Category	Credits	
			GPA	NGPA
MA1203	Calculus	C	3	
EE1203	Theory of Electricity	C	3	
ME1222	Applied Mechanics	C	2	
ME1202	Fundamentals of Thermodynamics	C	2	
ME1212	Engineering Materials	C	2	
CE1222	Structural Mechanics I	C	2	
MC1202	Analog Electronics	C	2	
DL2141	English: Advanced Study Skills (Engineering)	C		1
	<b>Total</b>		<b>16</b>	<b>1</b>

**Degree Program: B.Sc. Engineering in Marine Engineering**

Code	Module	Category	Credits	
			GPA	NGPA
ME1202	Fundamentals of Thermodynamics	C	2	-
MR 1202	Marine Engineering Materials	C	2	-
MR 1213	Marine Power Transmission	C	3	-
CE1222	Structural Mechanics I	C	2	
MA1203	Calculus	C	3	-
ME1222	Applied Mechanics	C	2	-
CE 1242	Fluid Mechanics I	C	2	-
DL2141	English Advanced Study Skills (Engineering)	C	-	1
MR 1223	Engineering Knowledge (Motor) I	C	3	-
	<b>Total</b>		<b>19</b>	<b>1</b>

