



## University of Global Village (UGV)

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### Department of Mechanical Engineering. (Evening Program)

#### 1<sup>st</sup> Semester

SL No	Course NO.	Course Name	Type of Course	Credit
1	ME 161	Introduction to Mechanical Engineering	Theory	3
2	EEE 159	Fundamentals of Electrical Engineering	Theory	3
3	EEE 160	Fundamentals of Electrical Engineering	Lab	1
4	ME 160	Mechanical Engineering Drawing-1	Lab	1
5	Shop 160	Foundry and welding	Lab	1
6	Math 161	Mathematics-I	Theory	3
7	Phy 105	Physics-I	Theory	3
8	Phy 102	Physics-I Lab	Lab	1
9	Chem 101	Chemistry-1	Theory	3
10	Chem 114	Chemistry-1 Lab	Lab	1
11	BDS-907	Bangladesh Studies	Theory	2
			<b>Total=</b>	<b>22.00</b>

#### 2<sup>nd</sup> Semester

SL No.	Course NO.	Course Name	Type of Course	Credit
1	ME 163	Computers and Languages	Theory	3
2	ME 164	Computers and Languages	Lab	1
3	ME 461	Control Engineering	Theory	3
4	Shop 170	Machine Shop Practice	Lab	1
5	Math 163	Mathematics-II	Theory	3
6	Phy 107	Physics-II	Theory	3
7	Phy 108	Physics-II Lab	Lab	1
8	Chem 141	Chemistry-I	Theory	3
9	Chem 142	Chemistry Lab	Lab	1
10	Hum 101	Economics	Theory	3
			<b>Total=</b>	<b>22.00</b>

**3<sup>rd</sup> Semester**

SL No.	Course NO.	Course Name	Type of Course	Credit
1	ME 241	Engineering Mechanics	Theory	4
2	ME-201	Basic Thermodynamics	Theory	4
3	ME-202	Basic Thermodynamics	Lab	1
4	ME 463	Petroleum Engineering	Theory	3
5	EEE 259	Electrical and Electronics Technology	Theory	4
6	EEE 260	Electrical and Electronics Technology	Lab	1
7	Math 261	Mathematics-III	Theory	3
8	Hum 201	Sociology	Theory	3
			<b>Total=</b>	<b>23.00</b>

**4<sup>th</sup> Semester**

SL No.	Course NO.	Course Name	Type of Course	Credit
1	ME 260	Mechanical Engineering Drawing-2	Lab	1
2	ME 261	Numerical Analysis	Theory	3
3	ME 262	Numerical Analysis	Lab	1
4	ME 243	Mechanics of Solids	Theory	3
5	ME 244	Mechanics of Solids	Lab	1
6	MME-291	Metallic Materials	Theory	3
7	MME-292	Metallic Materials	Lab	1
8	ME 445	Noise and Vibration	Theory	3
9	Math 263	Mathematics-IV	Theory	3
10	Hum 203	Government	Theory	3
			<b>Total=</b>	<b>22.00</b>

**5<sup>th</sup> Semester**

SL No.	Course NO.	Course Name	Type of Course	Credit
1	ME 341	Machine Design-1	Theory	3
2	ME 342	Machine Design-1	Lab	1
3	ME 345	Mechanics of Machinery	Theory	4
4	ME 346	Mechanics of Machinery	Lab	1
5	ME 321	Fluid Mechanics-1	Theory	3
6	ME 322	Fluid Mechanics-1	Lab	1
7	ME361	Instrumentation and Measurement	Theory	3
8	ME362	Instrumentation and Measurement	Lab	1
9	ME301	Conduction and Radiation Heat Transfer	Theory	3
10	ME302	Conduction and Radiation Heat Transfer	Lab	1
11	ME429	Similitude in Engineering Mechanics	Theory	3
			<b>Total=</b>	<b>24.00</b>

**6<sup>th</sup> Semester**

SL No.	Course NO.	Course Name	Type of Course	Credit
1	IPE381	Measurement and Quality Control	Theory	3
2	IPE382	Measurement and Quality Control	Lab	1
3	ME303	Convection, Boiling, Condensation and Mass Transfer	Theory	3
4	ME304	Convection, Boiling, Condensation and Mass Transfer	Lab	1
5	IPE331	Production Processes	Theory	4
6	IPE332	Production Processes	Lab	1
7	ME 343	Machine Design-2	Theory	3
8	ME 344	Machine Design-2	Lab	1
9	ME 323	Fluid Mechanics-2	Theory	3
10	ME 324	Fluid Mechanics-2	Lab	1
			<b>Total=</b>	<b>21.00</b>

**7<sup>th</sup> Semester**

SL No.	Course NO.	Course Name	Type of Course	Credit
1	ME 421	Fluid Machinery	Theory	3
2	IPE 431	Machine Tools	Theory	3
3	ME 431	Gas Dynamics	Theory	3
4	ME 422	Fluid Machinery	Lab	1
5	IPE 432	Machine Tools	Lab	1
6	ME 401	Internal Combustion Engine	Theory	3
7	ME 402	Internal Combustion Engine	Lab	1
8	IPE 481	Industrial Management	Theory	3
9	ME 403	Power plant Engineering	Theory	3
10	ME 404	Steam Laboratories	Lab	1
			<b>Total=</b>	<b>22.00</b>

**8<sup>th</sup> Semester**

Course NO.	Course Name	Type of Course	Credit
ME 400	Project and Thesis	Sessional	7

**Total credit: 163**