

COURSES TO REGISTER

July 2018 Term

Level One / Term Two

Course Number	Course Name	Credit Hour	Pre-requisite Course(s)
Chem 221	Organic Chemistry	3.00	
Chem 222	Organic Chemistry Sessional	1.50	
Hum 101	English	3.00	
Math 173	Vector Analysis and Matrices	3.00	
ME 141	Engineering Mechanics	3.00	Math 171
ME 160	Mechanical Engineering Drawing – I	1.50	
MME 138	Introduction to Computing	1.50	
Phy 113	Properties of Matter, Electricity and Magnetism and Modern Physics	3.00	
Shop 182	Machine Shop, Sheet Metal and Carpentry	1.50	
	Total Credits	21.00	

COURSES TO REGISTER

July 2018 Term

Level Two / Term Two

Course Number	Course Name	Credit Hour	Pre-requisite Course(s)
EEE 267	Electrical and Electronic Technology	3.00	
ME 221	Elements of Fluid Mechanics and Machinery	3.00	Math 171, Math 173
MME 213	Phase Diagrams and Transformations	4.00	
MME 214	Metallography	1.50	
MME 230	Materials and Metallurgical Analysis	1.50	
MME 235	Heat and Mass Transfer	3.00	Math 271
MME 238	Computer Applications to Metallurgy and Materials	1.50	MME 138
<u>OPTION – II</u>			
Hum 103	Economics	3.00	
Hum 303	Principles of Accounting	3.00	
Hum 401	Business Law	3.00	
	Total Credits	20.50	

COURSES TO REGISTER

July 2018 Term

Level Three / Term Two

Course Number	Course Name	Credit Hour	Pre-requisite Course(s)
MME 300	Industrial Training	0.00	
MME 343	Surface Engineering of Materials	3.00	
MME 344	Surface Engineering of Materials Sessional	0.75	
MME 345	Foundry Engineering	4.00	
MME 346	Foundry Engineering Sessional	1.50	
MME 347	Metal Joining Technology	3.00	
MME 348	Metal Joining Technology Sessional	1.50	
<u>OPTION-V</u>			
MME 363	Glass Science and Engineering	3.00	
MME 365	Ceramics and Glass Engineering	3.00	
<u>OPTION-VI</u>			
Hum 201	Advanced English	2.00	Hum 101
Hum 211	Sociology	2.00	
Hum 305	Economics of Development and Planning	2.00	Hum 103
<u>OPTION-VII</u>			
MME 364	Glass Science and Engineering Sessional	0.75	
MME 366	Ceramics and Glass Engineering Sessional	0.75	
	Total Credits	19.50	

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July 2018 Term

Level Three / Term Two

Course Number	Course Name	Credit Hour	Pre-requisite Course(s)
MME 400	Project and Thesis	3.00	
MME 442	Failure of Materials and Artefact Study	1.50	
MME 445	Metallic Alloys and Materials Selection	3.00	MME 443
MME 447	Industrial Metal Working Processes	3.00	ME243, MME233
<u>OPTION-IX</u>			
MME 467	Ceramics for Advanced Applications	3.00	MME 345
MME 453	Special Casting Processes	3.00	
MME 455	Mineralogy and Economic Minerals of Bangladesh	3.00	
<u>OPTION-XI</u>			
MME 457	Powder Metallurgy	2.00	
MME 473	Composite Materials	2.00	
<u>OPTION-XII</u>			
IPE 483	Production Planning and Control	3.00	
MME 481	Industrial Metallurgy	3.00	
MME 483	Industrial Pollution Control and Safety	3.00	
<u>OPTION-XIII</u>			
MME 458	Metal Forming Sessional	0.75	
MME 474	Composite Materials Sessional	0.75	
	Total Credits	19.25	