



YANBU TECHNICAL INSTITUTE

Mechanical Skills Department (MSD)

Industrial Mechanical Maintenance Technician (IMMT) Program

STUDY PLAN

Year 1 (Semester I)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
BSEN 111	English I	20	0	20	8	None	None
BSIB 111	Islamic Culture and Workplace behavior	3	0	3	3	None	None
BSHS 111	Occupational Health & Safety	0	2	2	1	None	None
BSED 111	Engineering Drafting	0	3	3	1	None	None
Total		23	05	28	13		

Year 1 (Semester II)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
BSEN 121	English II	20	0	20	8	None	BSEN 111
BSWP 121	Workshop Practices	0	3	3	1	None	BSHS 111
BSMA 121	Mathematics	3	3	6	4	None	None
BSCA 121	Computer Application I	0	3	3	1	None	None
Total		23	09	32	14		

Year 2 (Semester III)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
ENGL 211	English Communication	3	0	3	3		
IDRT 211	Metrology	1	3	4	2		
IDRT 212	Technical Drafting	1	3	4	2	IDRT 211	
IWDT 211	Material Technology	1	3	4	2	IDRT 211	
IMMT 211	Principles of Mechanical Maintenance	1	6	7	3		
IMMT 212	Mechanical Equipment	1	6	7	3		
IMMT 213	Metal Fabrication	1	3	4	2	IDRT 211	
Total		9	24	33	17		

Year 2 (Semester IV)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
IMMT 221	Hydraulic & Pneumatic Systems	2	3	5	3		
IMMT 222	Applied Mechanics	1	3	4	2		
IMMT 223	Preventative Maintenance	1	6	7	3		IMMT 211, IMMT 212
IMMT 224	Predictive Maintenance	1	3	4	2	IMMT 223	IMMT 211, IMMT 212
IMMT 225	Mechanical Troubleshooting	1	6	7	3	IMMT 223	IMMT 211, IMMT 212
IEMT 229	Fundamentals of Electrical Technology	1	3	4	2		
Total		7	24	31	15		

Year 3 (Semester V)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
IMMT 311	Cooperative Training (14 Weeks x 40= 560 hours)	0	0	40	3	None	Completion of all academic courses
Total		0	0	40	3		

Department Council Approval		Institute Council Approval	
Meeting No. / Reference	MoM-YTI-MSD-DPTC-201/6		YTI_2020-2021_8
Date	Nov10, 2020		April 8, 2021

