



YANBU TECHNICAL INSTITUTE
Electrical, Electronics, Instrumentation Skills Department (EEISD)
Industrial Instrumentation Maintenance Technician (IIMT) 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
IEMT 211	Electrical Circuits	2	3	5	3	IIMT 211	None
IIMT 211	Electronic Circuits	2	6	8	4	IEMT 211	None
IIMT 212	Principles of Instrumentation	2	3	5	3	IIMT 213	None
IIMT 213	Instrument Documentation	0	6	6	2	IIMT 211	None
IIMT 214	Process Control System	2	6	8	4	IIMT 212	None
Total		8	24	32	16		

Year 2 (Semester IV)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
ENGL 211	English Communication	3	0	3	3	None	BSEN 121
IIMT 221	PLC Instrument Application	1	6	7	3	None	IIMT 211
IIMT 222	Instrument Calibration	2	6	8	4	None	IIMT 212
IIMT 223	Process Troubleshooting and Maintenance	2	6	8	4	None	IIMT 214
IIMT 224	Instrumentation Skills Practice	0	6	6	2	None	IIMT 213
Total		8	24	32	16		

Year 3 (Semester V)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
IIMT 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	YTI Council Approval
Meeting No. / Reference	No. 08/2020-21	YTI_2020-2021_8
Date	April 7 , 2021	April 8, 2021

