



YANBU TECHNICAL INSTITUTE

Chemical Skills Department (CSD)

Industrial Process Plant Operator (IPPO) 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	None	BSEN 121
IPPO 211	Applied Physics	1	3	4	2	None	BSMA 121
IPPO 212	Process Technology I - Equipment	2	4	6	4	IPPO 211	None
IPPO 213	Process Instrumentation	1	3	4	2	IPPO 211	None
IPPO 214	Process Drawings	0	3	3	1	IPPO 212, IPPO 213	None
IPPO 215	Process Safety & Quality	1	3	4	2	None	BSHS 111
IPPO 216	Applied Chemistry	2	3	5	3	IPPO 211	BSMA 121
Total		10	19	29	17		

Year 2 (Semester IV)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
IPPO 221	Process Technology II - Systems	2	3	5	3	None	IPPO 212
IPPO 222	Process Troubleshooting	1	3	4	2	IPPO 226	IPPO 212, IPPO 213
IPPO 223	Process Control	1	3	4	2	None	IPPO 213, IPPO 214
IPPO 224	Process Technology III - Operations	2	6	8	4	IPPO 223	IPPO 212, IPPO 214
IPPO 225	Industrial Processes	1	3	4	2	None	IPPO 212
IPPO 226	Process Simulation	0	4	4	2	IPPO 224	IPPO 212, IPPO 214
Total		7	22	29	15		

Year 3 (Semester V)

COURSE CODE	COURSE TITLE	TH	LH	CH	CR	Co-requisite	Pre-requisite
IPPO 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.8/2020-2021	YTI_2020-2021_8
Date	April 1, 2021	April 8, 2021