



			Semester Hours				
Course	Title	Prerequisites	Awd	Lec	Lab	Total	
Diploma Awarded: Short Term Certificate (STC) - after completion of the following classes.			Total Hours =			27	Credentials
AUT 102	Lean Manufacturing & Industrial Safety		STC	3		3	
AUT 104	Blueprint Reading for Manufacturing		STC	3		3	
AUT 116	Introduction to Robotics		STC	2	2	3	
AUT 130	Fundamentals Industrial Hydraulics & Pneumatics		STC	2	2	3	
ELM 200	Electric Circuits I (DC Electricity)	eligible for MTH 100	STC	2	1	3	Electronics Technician Association, EM1
MET 190	Mechanical Tools I		STC	2	4	4	
MET 201	Basic Computer Aided Drafting		STC	1	4	3	
MET 204	Basic Computer Aided Modeling	MET 201	STC	1	4	3	
MET 239	Geometric Dimensioning & Tolerancing		STC	2		2	
Diploma Awarded: Certificate (CER) - add the following classes to those listed above.			Total Hours =			39	
AHUM EL	Humanities & Fine Arts Elective (recommend PHL 206)		CER	3		3	
CIS 146	Microcomputer Applications		CER	3		3	
ENG 101	English Composition I	Placement	CER	3		3	
MTH 100	Intermediate College Algebra	Placement	CER	3		3	
Diploma Awarded: Associate in Applied Science (AAS) - add the following classes to those listed above.			Total Hours =			64	or 65
ASOC EL	Soc. & Behav. Sci. Elective (recommend PSY 200 or SOC 200)		AAS	3		3	
AUT 293	Automated Cooperative Education	PC Approval	AAS			0	
ELM 201S	Electric Circuits II (AC Electricity)	ELM 200	AAS	2	2	3	Electronics Technician Association, EM2
MET 192	Machinery's Handbook Functions		AAS	3		3	
MET 202	Advanced Computer Aided Drafting	MET 201	AAS	1	4	3	
MET 211	Advanced Computer Aided Modeling	MET 204	AAS	1	4	3	
PHY 115	Technical Physics	MTH 100	AAS	3	2	4	
SPH 107	Fundamentals of Public Speaking		AAS	3		3	
ATM, AUT, ELM, MET, WKT	Required AAS Option Elective, choose one course to meet the total credit hours for the chosen Option: AUT 293 (3 Credits) - Automated Cooperative Education, or MET 191 (4 Credits) - Mechanical Tools II, or ELM 215 (4 Credits) - Industrial Controls I, or AUT 262 (3 Credits) - Computer Integrated Manufacturing, WKO 110 (3 Credits) - NCCER Core		AAS			3 or 4	