Student Name _____ ID Number _____

TECHNICAL CERTIFICATE
ADVANCED TECHNICAL CERTIFICATE
INDUSTRIAL ELECTRONICS TECHNOLOGY
2009 - 2010

ATC ☐
CERT ☐

TECHNICAL CERTIFICATE
INDUSTRIAL ELECTRONICS TECHNOLGY

PROGRAM REQUIREMENTS		REQ	COMP	NEED
MTHPT 137, 138		4		
MATH 123, 137, 143/144, 147				
TECHNICAL CORE (CHOOSE 24 CREDITS FROM THE LIST)				
AMFTI 121	Introduction to CAD	3		
IETTI 101	Electrical Fundamentals I	4		
IETTI 102	Digital Electronics	4		
IETTI 103	Intro/Microcomputers	4		
IETTI 104	Electrical Fundamentals II	4		
IETTI 105	Solid State Devices	4		
IETTI 106	Embedded Systems	4		
IETTI 108	Intro to PLC's	4		
IETTI 201	Industrial Controls I	4		
IETTI 204	Industrial Controls II: HMI	4		
IETTI 205	Eltc Mtr, Drives & Cntrls	4		
IETTI 206	Elect. Mats. And Techs.	4		
IETTI 207	Prog. & Trblsht PLC's	4		
IETTI 208	PLC System Apps.	4		
ISATI 101	Into/Networking	5		
ISATI 104	Fund. of Microcomputers	5		
	TOTAL	28		

ADVANCED TECHNICAL CERTIFICATE
INDUSTRIAL ELECTRONICS TECHNOLOGY

PROGRAM REQUIREMENTS		REQ	COMP	NEED
MTHPT 123, 137, 138		4		
MATH 123, 137, 143/144, 147				
TECHNICAL CORE (CHOOSE 49 CREDITS FROM LIST)				
AMFTI 121	Introduction to CAD	3		
IETTI 101	Electrical Fundamentals I	4		
IETTI 102	Digital Electronics	4		
IETTI 103	Intro/Microcomputers	4		
IETTI 104	Electrical Fundamentals II	4		
IETTI 105	Solid State Devices	4		
IETTI 106	Embedded Systems	4		
IETTI 108	Intro to PLC's	4		
IETTI 201	Industrial Controls I	4		
IETTI 204	Industrial Controls II: HMI	4		
IETTI 205	Eltc Mtr, Drives & Cntrls	4		
IETTI 206	Elect. Mats. And Techs.	4		
IETTI 207	Prog. & Trblsht PLC's	4		
IETTI 208	PLC System Apps.	4		
ISATI 101	Into/Networking	5		
ISATI 104	Fund. of Microcomputers	5		
	TOTAL	53		

SUMMARY			
PROGRAM REQUIREMENTS	4		
TECHNICAL CORE	24		
TOTAL	28		

ELECTIVES		REQ	COMP	NEED
IETTI 290	Directed Study	v		
IETTI 292	Directed Special Proj.	v		
IETTI 296	Co-op	v		
	TOTAL			

SUMMARY			
PROGRAM REQUIREMENTS	4		
TECHNICAL CORE	49		
TOTAL	53		

NOTES, SUBSTITUTIONS, WAIVERS

Division Chair _____ Date _____

Advisor _____ Date _____