Student Name _____ ID Number _____

TECHNICAL CERTIFICATE
ADVANCED TECHNICAL CERTIFICATE
INDUSTRIAL ELECTRONICS TECHNOLOGY
2008 - 2009

ATC ☐
CERT ☐

TECHNICAL CERTIFICATE
INDUSTRIAL ELECTRONICS TECHNOLGY

PROGRAM REQUIREMENTS		REQ	COMP	NEED
MTHPT 123, 137, 138		4		
MATH 123, 137, 143/144, 147				
TECHNICAL CORE (CHOOSE 23 CREDITS FROM THE LIST)				
AMFTI 241	Intro to CAD/CAM	3		
ENGTE 135	Applied Physics I	3		
ENGTE 154	Intro/Computer Drafting	4		
ENGTE 237	Applied physics II	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 107	Programming in C++	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	27		

SUMMARY			
PROGRAM REQUIREMENTS	4		
TECHNICAL CORE	23		
TOTAL	27		

NOTES, SUBSTITUTIONS, WAIVERS

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 50 CREDITS FROM LIST)				
AMFTI 241	Intro to CAD/CAM	3		
ENGTE 135	Applied Physics I	3		
ENGTE 154	Intro/Computer Drafting	4		
ENGTE 237	Applied physics II	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 107	Programming in C++	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	54		

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	50		
TOTAL	54		

Division Chair **Date**

Advisor **Date**