Student Name _____ ID Number _____

TECHNICAL CERTIFICATE
ADVANCED TECHNICAL CERTIFICATE
AUTOMATED MANUFACTURING TECHNOLOGY
2009 - 2010

ATC ☐
CERT ☐

TECHNICAL CERTIFICATE
AUTOMATED MANUFACTURING TECHNOLOGY

PROGRAM REQUIREMENTS		REQ	COMP	NEED
TECHNICAL CORE				
MTHPT 130, 137, 138		4		
MATH 123, 130, 130A/B, 137, 143/144, 147				
TECHNICAL CORE (choose 24 credits from below)				
AMFTI 111	Intro to Manufacturing	3		
AMFTI 121	Intro to CAD	3		
AMFTI 123	Engnr Graphics w/ACAD	3		
AMFTI 125	Engnr Graphics Apps	3		
AMFTI 141	Intro to Machining	3		
AMFTI 143	Machine Processes	3		
AMFTI 145	Intro to NC & CNC	3		
AMFTI 241	Intro to CAD/CAM	3		
AMFTI 243	Adv. CAD/CAM	3		
AMFTI 245	CNC Machining Processes	3		
AMFTI 261	Applyd Statistics for Manuf	3		
AMFTI 263	Project Planning	3		
AMFTI 265	Manufacturing Project	6		
ENGTE 135	Applied Physics I	3		
ENGTE 237	Applied Physics II	3		
	TOTAL	28		

SUMMARY				
TECHNICAL CORE		28		
	TOTAL	28		

ADVANCED TECHNICAL CERTIFICATE
AUTOMATED MANUFACTURING TECHNOLOGY

PROGRAM REQUIREMENTS		REQ	COMP	NEED
TECHNICAL CORE				
MTHPT 123, 130, 137		4		
MATH 123, 130, 130A/B, 137, 143/144, 147				
AMFTI 111	Intro to Manufacturing	3		
AMFTI 121	Intro to CAD	3		
AMFTI 123	Engnr Graphics w/ACAD	3		
AMFTI 125	Engnr Graphics Apps	3		
AMFTI 141	Intro to Machining	3		
AMFTI 143	Machine Processes	3		
AMFTI 145	Intro to NC & CNC	3		
AMFTI 241	Intro to CAD/CAM	3		
AMFTI 243	Adv. CAD/CAM	3		
AMFTI 245	CNC Machining Processes	3		
AMFTI 261	Applyd Stats for Manuf	3		
AMFTI 263	Project Planning	3		
AMFTI 265	Manufacturing Project	6		
AMFTI 296	Co-op	2		
ENGTE 135	Applied Physics I	3		
ENGTE 237	Applied Physics II	3		
	TOTAL	54		

ELECTIVES		REQ	COMP	NEED
AMFTI 290	Directed Study	v		
AMFTI 292	Directed Special Proj.	v		
	TOTAL			

v = variable credits

SUMMARY				
TECHNICAL CORE		54		
	TOTAL	54		

NOTES, SUBSTITUTIONS, WAIVERS

Division Chair _____ Date _____

Advisor _____ Date _____