			INC	T – Electrica	I CT - LEARN	ING OUTCOM	1ES	
REQUIRED COURSES	(a) Demonstrate knowledge of basic electrical principles and concepts that impact the Industrial Technology industry.	(b) Utilize electrical/mechanical troubleshooting and communication skills to diagnose, repair, test, and return to service failed components.	(c) Describe the hazards associated with electrical equipment and apply appropriate safety methods for working around industrial machinery.	(d) Teamwork – Function effectively as a member of a technical team.	(e) Identify and Solve Problems – Identify, analyze, and solve narrowly defined technical problems.			
ADMF 101			I,A	ı	I,A			
ADMF 102	I,A	I,A	R	R	R			
INDT 103	I,A	I,A	R	R	R			
INDT 113	I,A	I,A	R	R	R			
INDT 125	I,A	I,A	R	R	R			
INDT 204	1	1	I	R	R			
INDT 205	I	I	R	Rk	R			

(I = Introduce; R= Reinforce; M = Mastery; and A = Assessment Opportunity)

MSSC = Manufacturing Skills Standards Council (I Safety, II Quality, III Manufacturing Processes & Production, IV Maintenance Awareness)

OSHA = Occupational Safety and Health Administration

			IND	T – Electrica	ITC - LEARN	ING OUTCOM	IES		
REQUIRED COURSES	(a) Demonstrate knowledge of basic electrical principles and concepts that impact the Industrial Technology industry.	(b) Utilize electrical/mechanical troubleshooting and communication skills to diagnose, repair, test, and return to service failed components.	(c) Describe the hazards associated with electrical equipment and apply appropriate safety methods for working around industrial machinery	(d) Teamwork – Function effectively as a member of a technical team.	(e) Identify and Solve Problems – Identify, analyze, and solve narrowly defined technical problems.	(f) Communication Apply written, oral and graphical communication skill in both technical and non-technical environments; identify and use appropriate tech literature.	(g) Lifelong learning – Recognize the need for, and benefits of continuing professional development.	(h) Professional/Ethic al/Diversity – Recognize the need for professional and ethical responsibilities, including a respect for diversity.	(i) Quality, Continuous Improvement – Demonstrate a commitment to quality, timeliness, and continuous improvement.
ADMF 101			I,A	I	I,A				
ADMF 102	I,A	I,A	R	R	R				
INDT 103	I,A	I,A	R	R	R				
INDT 113	I,A	I,A	R	R	R				
INDT 125	I,A	I,A	R	R	R				
INDT 204	I	I	I	R	R				
INDT 205	I	I	R	R	R				
COMM 104				I,A		I,A		I, R	
IVYT 113				I		I	I	I	I
MATH 122				ı	I,A	I			
ADMF 122	R	I, R	I,R	R	R				
INDT 104	ı	ı	ı	R	R				

(I = Introduce; R= Reinforce; M = Mastery; and A = Assessment Opportunity)

REQUIRED COURSES ADMF 101 ADMF 102 INDT 103 INDT 113 INDT 125 INDT 204 INDT 204 INDT 205 COMM 104 IVYT 113 MATH 122 ADMF 122 INDT 104	INDT – Electrical AAS - LEARNING OUTCOMES										
	(a) Demonstrate knowledge of the basic and emerging principles and concepts that impact the Industrial Technology industry.	(b) Utilize electrical/mechani cal troubleshooting and communication skills to diagnose, repair, test, and return to service failed components.	(c) Describe the hazards associated with welders, automated processes, industrial machines and motors, to determine appropriate safety methods for working around industrial machinery	(d) Teamwork – Function effectively as a member of a technical team.	(e) Identify and Solve Problems – Identify, analyze, and solve narrowly defined technical problems.	(f) Communication Apply written, oral and graphical communication skill in both technical and non-technical environments; identify and use appropriate tech literature.	(g) Lifelong learning – Recognize the need for, and benefits of continuing professional development.	(h) Professional/Ethic al/Diversity – Recognize the need for professional and ethical responsibilities, including a respect for diversity.	(i) Quality, Continuous Improvement – Demonstrate a commitment to quality, timeliness, and continuous improvement.		
ADMF 101			I,A	I	I,A						
ADMF 102	I,A	I,A	R	R	R						
INDT 103	I,A	I,A	R	R	R						
INDT 113	I,A	I,A	R	R	R						
INDT 125	I,A	I,A	R	R	R						
INDT 204	I	I	ı	R	R						
INDT 205	I	I	R	R	R						
COMM 104				I,A		I,A		I, R			
IVYT 113				ı		I	I	ı	ı		
MATH 122				I	I,A	I					
ADMF 122	R	I, R	I,R	R	R						
INDT 104	I	I	I	R	R						

ADMF 106			I,R	I,R	I,R	I,R	I,R	I,R
INDT 260			R	R	R	R	R	R
INDT 279		А	R		R	R	R	R
ENGL 111				I,R	I,R,A		I	
*SCIN XXX XXX			ı	I,R	I,R		I	
**HUMA XXX XXX				I,R	I,R		I,R	

(I = Introduce; R= Reinforce; M = Mastery; and A = Assessment Opportunity)

^{*} Note: Science elective options consist of SCIN 100, SCIN 101, PHYS 100, CHEM 111

^{**}Note: Program data indicates that the majority of INDT students will take HIST 101, PSYC 101, ARTH 101, SOCI 111, or SPAN 101 to fulfill the Humanities / Social Science elective requirement.