

Advisor's Checklist EL/EM—ELECTROMECHANICAL--Technology – Milford Campus

Student: _____ Advisor: _____

Quarter Entered: _____ fall 2019 _____ Quarter Graduating: _____ spring 2021 _____

Goal: Associate of Applied Science Degree

All courses listed are required, a 2.0 GPA is required for graduation

Course #	Course Title	Prerequisite(s) or Co-requisite Need a C or higher in non-competency courses below.	Semester Credits	Quarter	Grade
First Semester Fall 2019					
ELEC1131	D.C. Principles		5		
ELEC1217	A.C. Principles	ELEC1131 D.C. Principles	5		
ACFS1015	New Student Orientation		1		
BSAD1010	Microsoft Applications I		3		
MATH1050	Thinking Mathematically		3		
Total Credits – 1 st Semester			17		
Second Semester Spring 2020					
ELEC2144	Motors and Control Circuits	ELEC1233	4		
ELEC2164	Transformers & 3 phase systems and Predictive Maintenance Principles	ELEC1233	5		
ELEC2155	Introduction to Automation and Industrial Communications and Alarm Systems	ELEC1233	5		
Total Credits -2 nd Semester			14		
Third Semester Fall 2020					
ELEC1356	Fluid Power	MATH1050	4		
ELEC1337	Sketching & CAD		2		
WELD1184	Welding For EM's		2		
ENGL1110	Business Communications		3		
PHYS1017	Technical Physics		3		
MACH I&2	Manufacturing Process I & II		3		
Total Credits – 3 rd Semester			17		
Fourth Semester Spring 2021					
ELEC1436	Power Transmissions and Lubricants	Pre-Req=MACH 1&2	2		
ELEC1446	Industrial Machines and Mechanical Systems	Pre-Req=MACH 1&2, ELEC1356, ELEC1337, WELD1184	4		
ELEC2534	PLC 1	Pre-Req ELEC1217			
SPCH1110	Public Speaking		3		
ECON1200	Personal Finance		3		
Total Credits – 4 th Semester Graduation May 2021			12		
Total Program Credit Hours			61		