

Advisor's Checklist EL-EM—Electromechanical Starting January 2019 --Technology – Milford Campus

Student: _____ Advisor: _____
 Quarter Entered: Winter 2019 _____ Quarter Graduating: _____
 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 Quarter January 2019					
ELEC1132	D.C. Principles I	MATH0950		4.5	
ELEC1133	D.C. Principles II	ELEC1132		4.5	
ENGL1110	Business Communications			4.5	
BSAD1010	Microsoft Applications I	Prerequisites: Keyboarding skills and prior computer experience recommended.		4.5	
MATH1050				4.5	
Total Credits – 1 st Quarter				22.5	
Second Quarter April 2019					
ELEC1232	A.C. Principles I	ELEC1133, MATH1050		4.5	
ELEC1233	A.C. Principles II	ELEC1232		4.5	
PHYS1017	Technical Physics			4.5	
SPCH1110	Public Speaking			4.5	
ECON1200	Personal Finance			4.5	
Total Credits -2 nd Quarter				22.5	
Fall 2019 Second Semester					
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 – 2nd Semester			14		
January 2020 Third Semester					
ELEC1337	Sketching & CAD		2		
ELEC1356	Fluid Power	MATH1050	4		
WELD1184	Welding for EM's		2		
MACH1131	Manufacturing Processes for EM's		2.5		
Total Credits – 3 rd Semester			10.5		
August 2020 Fourth Semester					
ELEC1436	Power Transmissions	MACH1121, MACH1132	2		
ELEC1446	Industrial Machines and Mechanical Systems	ELEC1356, ELEC1337, MACH1121, MACH1131, WELD1184	4		
ELEC2534	PLC I	ELEC2144	3		
Total Credits-4 th Semester			9		
Total Credits – 6 th Quarter Graduation December 2020					
			Total Program Credit Hours	33.5	45