

## Advisor's Checklist EL/EM—Automation--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 <sup>st</sup> Semester			17		
Second Semester Spring 2021					
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 <sup>nd</sup> Semester			14		
Third Semester Fall 2021					
ELEC2564	Industrial Electronic Controls	PRE-REQ=ELEC1344, ELEC1240	6		
ELEC2534	Programmable Logic Controllers I	PRE-REQ=ELEC1344	3		
ELEC1337	Sketching & CAD		2		
ENGL1110	Business Communications		3		
PHYS1017	Technical Physics		3		
Total Credits – 3 <sup>rd</sup> Semester			17		
Fourth Semester Spring 2022					
ELEC2614	Robotics and Integrated Automation	Pre-Req=ELEC2534, ELEC2564 Co-Req=ELEC2624	5.5		
ELEC2624	Programmable Logic Controllers II	Pre-Req=ELEC2534, ELEC2564 Co-Req=ELEC2614	6		
SPCH1110	Public Speaking		3		
ECON1200	Personal Financing		3		
Total Credits – 4 <sup>th</sup> Semester Graduation May 2022			17.5		
<b>Total Program Credit Hours</b>			<b>65.5</b>		