

MECHATRONICS (3316) CERTIFICATE OF ACHIEVEMENT

Essex County College, METCS Division – Curriculum Guide

STUDENT: _____

ID#: _____

General Education Requirements (10 Crs.)			
Written & Oral Communications (3 Crs.)			
ENG 101	College Composition I	3	
Quantitative/Scientific Knowledge, Skills & Reasoning (7 Crs.)			
MTH 114	Unified Calculus I	3	
PHY 101	College Physics I	4	
Major Course Requirements (19 Crs.)			
ELC 115	Electric Circuits: DC and AC	4	
ENR 103	Engineering Graphics	2	
MET 202	Modern Manufacturing Systems & Robotics	4	
MET 211	Machines & Controls	3	
MET 215	Fluid Mechanics	3	
MET 221	Programmable Logic Controllers (PLC)	3	
Total Credits Required		29	

REVISED DECEMBER 2020