

CERTIFICATE PROGRAM

Danville Area Community College
2019-2020

Mechatronics

Certificate Program

This program will prepare students to analyze functional relationships in mechatronic systems, follow information and energy flow in electrical, pneumatic and hydraulic sub systems, plan and organize work flow, commission, trouble shoot and repair mechatronic systems.

REQUIRED COURSES	HOURS	F,S,I,SU	GRADE
First Semester			
ELEC 104 Key Principles of Advanced Manufacturing	3		
DRAF 162 Technology in Advanced Manufacturing	3		
MFRG 105 Mechatronics I	3		
ELEC 168 Mechatronics II	4		
Total	13		
Second Semester			
ELEC 269 Mechatronics III	3		
ELEC 250 Mechatronics IV	4		
MFRG 231 Mechatronics V	4		
Total	11		
Total Hours	24		

Gainful Employment:

For program costs, completion and graduate information see

<https://www.dacc.edu/assets/pdfs/cguides/2018-2019/GEA/Mechatronics/47.0303-Gedt.html>