

CERTIFICATE PROGRAM

Danville Area Community College  
2014-2015

**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
<b>First Semester</b>			
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		
<b>Second Semester</b>			
ELEC 269 Mechatronics III	3		
ELEC 250 Mechatronics IV	4		
MFRG 231 Mechatronics V	4		
Total	11		
Total Hours	24		