What happens when you combine mechanics, electronics and software?

50 INSPIRING YEARS

Anne Arundel Community College

What participants will learn

ALL OF THE MEC (MECHATRONICS) CLASSES are completely new and will be starting spring 2013. Check our website www.aacc.edu/mechatronics for information on our new classes.

In order to complete the 30 credit certificate, you are required to complete eight classes.

EET 130 Introduction to Electronic Circuits
ENT 260 Solid-modeling with Solidworks
STM 101-103 Core Skills for STEM
MEC 110 Mechanical Components and Electric Motors
MEC 120 Pneumatics and Hydraulics
MEC 130 Programmable Logic Controllers
MEC 140 Introduction to Robotics
MEC 150 Mechatronics Systems Capstone

For more information visit www.aacc.edu/mechatronics or contact one of our mechatronics team:

Joe Taylor, call 410-777-2909, or email jttaylor@aacc.edu
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Anne Arundel Community College recently won a $19.7 million grant from the U.S. Department of Labor. This spring, we are going to open our new mechatronics lab and offer new classes in Robotics, Mechanical Systems, and Electric Motors. Both mechatronics instructors are certified to teach Siemens Mechatronics Level 1.

Future job opportunities
According to the U.S. Department of Labor, mechatronics technicians are employed in several key industries, such as automotive, aviation, defense systems, energy, engineering, and advanced manufacturing. The need for skilled technicians is expected to grow through 2018, especially as many experienced maintenance techs retire over the next decade. Individuals with certifications will have excellent job opportunities.

Industry certification
The mechatronics team at AACC is partnering with local industry to facilitate potential student pathways into a mechatronics job. By taking AACC's eight mechatronics classes, you will be getting hands-on training as you prepare for the Siemens AG certification exam. The mechatronics instructors at AACC are Siemens-certified mechatronics instructors.