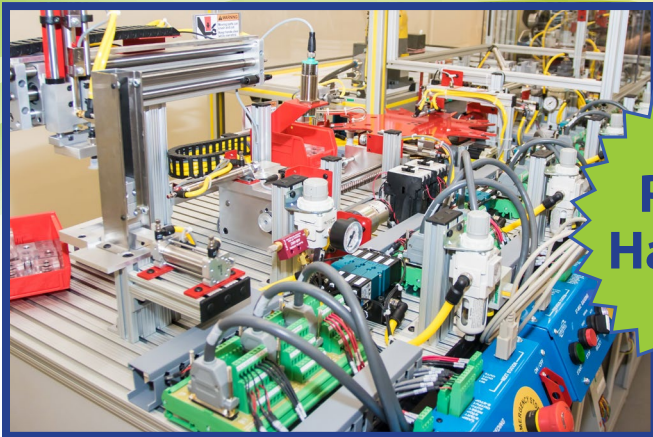


Mechatronics / Industrial Automation Courses

Career Tech Education (CTE) Courses



In
Person
Hands on
Labs



Obtain the skills to work as a technician maintaining electrical, mechanical, computer and control systems.
Please check the website for full list of Mechatronics courses.

The following Mechatronics/Industrial Automation courses are available on WebAdvisor for Spring 2021:

MECH 2 Mechanical Systems (80634)- Hybrid

- Lecture (Online) assignments to be done at your own pace.
- Lab (In Person) Monday/Wednesday 2:00 PM - 4:50 PM

MECH 4 Electric Motors - Controls (80933)- Hybrid

- Lecture (Online) assignments to be done at your own pace.
- Lab (In Person) Tuesday/Thursday 2:00 PM - 4:50 PM

MECH 5 Programmable Logic Controllers (80719)- Fully Online

- Lecture (via Zoom) Tuesday/Thursday 09:00AM - 09:50AM
- Lab (Online) assignments to be done at your own pace.

MECH 19V (80637) Work Experience; arranged with instructor.

**Mechatronics classes are listed under the
“Herndon Campus” class offerings in Web Advisor**

Face-to-face courses are offered at the Herndon Campus (near Herndon and Peach Avenues).

Learn to:

- Design, operate and maintain industrial automation systems.

Be prepared to:

- Work for local industries that utilize these technologies, such as food production, petroleum production, fabrication, and logistics.

Key concepts include:

- Application of electronics and computer technology to industrial automation systems, including instrumentation and control, industrial robotics, and process control systems.

Significant emphasis is placed on project-based learning facilitated by laboratory work.

For more information:

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