

CCI Mexico 2024 Academic Curriculum

CCI Program Initiative

Overall Program: Community College Initiative Program for Mexico – ECA exchange program with curriculum for **Automated Industrial Technology** with a focus on **semiconductor technology**. Virtual course in advance, orientation in Mesa, Arizona, academic coursework that can lead to industry certificates, leadership development, site visits, cultural exchange, hands-on experiences, exposure to industry, etc.

Primary Coursework: [Automated Industrial Technology certificate](#) (with addition of a 3 credit semiconductor course).

NOTE: This coursework will be tailored to participating Mexican students and include a semiconductor course to replace a hydraulics course.

Anticipated Courses:

- Industrial Safety
- Modern Maintenance Operations
- Mechanical Power Transmission Systems
- Pneumatic Systems
- DC and AC Components and Systems
- Industrial Technology for the Semiconductor Industry

<https://aztransmac2.asu.edu/cgi-bin/WebObjects/MCCCD.woa/wa/freeForm2?id=172866> (AIT100)

<https://aztransmac2.asu.edu/cgi-bin/WebObjects/MCCCD.woa/wa/freeForm2?id=172985> (AIT105)

<https://aztransmac2.asu.edu/cgi-bin/WebObjects/MCCCD.woa/wa/freeForm2?id=173098> (AIT110)

<https://aztransmac2.asu.edu/cgi-bin/WebObjects/MCCCD.woa/wa/freeForm2?id=173101> (AIT120)

<https://aztransmac2.asu.edu/cgi-bin/WebObjects/MCCCD.woa/wa/freeForm2?id=173102> (AIT125)

<https://aztransmac2.asu.edu/cgi-bin/WebObjects/MCCCD.woa/wa/freeForm2?id=173263> (AIT132)