

Robotic Technician Certificate Program RT41

Updated: 9/30/2015
Effective Term: 201614

Curriculum

Program-Specific Core – Total of 20 Hours

- AUMF 1150 *Introduction to Robotics* (3)
- AUMF 2060 *Work Cell Design Laboratory* (2)
- IDSY 1120 *Basic Industrial PLCs* (4)
- IDSY 1190 *Fluid Power Systems* (4)
- IDSY 1195 *Pumps & Piping Systems* (3)
- IDSY 1220 *Intermediate Industrial PLCs* (4)

Total: 20 Hours

Program Description

The Robotic Technician technical certificate of credit is designed for the students who wish to enhance their automation skills for employment at companies who have robots. The program provides learning opportunities that introduce, develop, and reinforce academic and technical knowledge, skills, and attitudes required for job acquisition, retention, and advancement. The certificate provides opportunities to retrain or upgrade present knowledge and skill. This certificate is designed for students or employees who have a background in Industrial Electronics, including: industrial wiring, motors, controls, PLCs, instrumentation, and computers. Graduates of the certificate program receive a Robotic Technician certificate that qualifies them for employment as a robotic automation technician.

Program Specific Information

Students are accepted every semester based on course and space availability.

Program Length & Availability

2 Semesters

Campus Availability: Oakwood

Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to admission.
(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)
- ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid

This program is not eligible for the Pell Grant, but may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

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For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website:
<http://www.laniertech.edu/GE.aspx>