

Level 1 Siemens Certified Mechatronic Systems Assistant

Aligned Program of Study: Mechatronics

Aligned Course:

- Mechatronics II (6157)

Description

The Mechatronic Systems Assistant certification is the first of three certifications in a series. Each certification is based upon a specified, industry-driven job profile which helps an employer determine where this person can be best placed within the organization. A Siemens Certified Mechatronic Systems Assistant will function as a well-grounded machine operator in a complex system, with responsibility for efficient operation of the equipment with minimal down-times. Normally a Siemens Certified Mechatronic Systems Assistant would carry out their work at plant assembly sites, workshops or in connections with service operation which utilize complex mechatronic systems.

There are four main focuses to this certification:

- Electrical Components
- Mechanical Components and Electrical Drives
- (Electro) Pneumatic and Hydraulic Control Circuits
- Digital Fundamentals and PLCs

Once a student has been taught all four focus areas, he/she should be well-prepared to sit for the Level 1 certification examination. This will be administered through a neutral testing center. Only by successfully passing the Level 1 Certification Examination will the student be awarded the certification of Siemens Certified Mechatronic Systems Assistant.

Materials and Resources

There are a variety of materials and resources found at Siemens website: <http://www.siemens-certifications.com/content/0/9131/9147/>

Test Owner and Registration

SIEMENS AG, Siemens Technik Akademie Berlin
Nonnendammallee 104, D-13629
Berlin, Germany
Phone: +49 30 386 26042
Email: info@siemens-certifications.com

Registration and Testing Centers

Only Siemens-certified Partner Schools can offer the SMSCP program and the Siemens-administered certification exams to students. The Certified Partner Schools who meet the SMSCP institutional requirements and have an active agreement on file with Siemens. SMSCP partner schools must have a mechatronic training system on site. This system must meet certain requirements and feature a number of specific components. If you want to get a school certification, contact Siemens at: info@siemens-certifications.com. Or information can be found on the website at: [http://www.siemens-certifications.com/content/0/9131/9147/9180/3136 SMSCP Schools mit%20mail ohne web.pdf](http://www.siemens-certifications.com/content/0/9131/9147/9180/3136_SMSCP_Schools_mit%20mail_ohne_web.pdf)

Current Tennessee certified partner schools include:

[Motlow State Community College](#)

Mr. Fred Rascoe
 Director of Career Readiness
 (931) 668-7010 Ext. 2123
 frascoe@mccc.edu
 McMinnville Center 164

Fees

\$150.00

How do teachers obtain certification to certify students?

Instructors will be trained within the Siemens framework and then implement this newly acquired hands-on knowledge and competencies within one of the three Levels at an SMSCP partner school. Training begins with the compulsory Paradigm Week which is followed by the respective Level Content Weeks. A teaching background in Mechatronics or Electrical or Mechanical Engineering is required.

Exam Codes	Level I Certified Mechatronic Systems Assistant
Website	http://www.siemens-certifications.com/content/0/6/7/3391/2876_Overview%20Document_Level1_2.pdf