

Manufacturing Technician Level I Certification Examination

Credential Source

Name	Manufacturing Skills Institute
Web Site	http://manufacturingskillsinstitute.org
Contact Information	Dr. Victor Gray, Executive Director 804.673.7489 vgray@vamanufacturers.com

Credential Contractor

Name	Same as source
Contact Information	Same as source

Test Administration

Test Site	School: Online School: Paper/Pencil Contractor's test location Testing facility
Can the instructor take this test?	Yes
Details	Pass all three tests to achieve this credential. http://manufacturingskillsinstitute.org/certifications/manufacturing-technician-level-1-skill-standards/ <ul style="list-style-type: none"> • Math and Measurement (Time Allowed: 60 minutes) • Spatial Reasoning and Manufacturing Technology (Time Allowed: 75 minutes) • Quality and Business Acumen (Time Allowed: 45 minutes)
Number of Test Items	48
Time Allowed	Varies
Passing Score	75%
Cost	\$300
Additional Information	
Accommodations	<p>Students with disabilities</p> <ul style="list-style-type: none"> • Multiple test sessions • Time of day • Order of tasks • Planned breaks during test • Test location • Adaptive or special furniture • Special lighting • Written directions accompanying oral directions • Amplification equipment (Available with Spatial Reasoning and Quality and Business Acumen only) • Headphones, earmuffs, or ear plugs • Large-print test • Read-aloud test • Interpreting/transliterating testing directions

	<ul style="list-style-type: none"> • Interpreting/transliterating the test (Available with Spatial Reasoning only) • English dictionary • Calculator and arithmetic tools • Dry erase board <p>English Learners</p> <ul style="list-style-type: none"> • English dictionary • Flexible schedule • Multiple test sessions • Read-aloud test
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Possible Preparatory Courses

Computer Integrated Manufacturing (PLTW) (8442/36 weeks)

Cybersecurity in Manufacturing (8499/36 weeks)

Cybersecurity in Manufacturing, Advanced (8496/36 weeks)

Electronics/Industrial Robotics Technology (8547/36 weeks, 140 hours)

Engineering Analysis and Applications II (8451/36 weeks)

Engineering Studies (8491/36 weeks)

Industrial Maintenance Technology I (8575/36 weeks, 140 hours)

Industrial Maintenance Technology II (8576/36 weeks, 280 hours)

Industrial Robotics Technology (8558/36 weeks, 280 hours)

Manufacturing Systems I (8425/36 weeks)

Manufacturing Systems II, Advanced (8427/36 weeks)

Mechatronics I (8554/36 weeks)

Mechatronics II (8555/36 weeks)

Mechatronics III (8556/36 weeks)

Precision Machining Technology I (8539/36 weeks, 140 hours)

Precision Machining Technology II (8540/36 weeks, 280 hours)

Welding I (8672/36 weeks, 140 hours)

Welding II (8673/36 weeks, 280 hours)

Welding III (8674/36 weeks, 280 hours)