

NIMS Machining COMBINED

July 15, 2016



Certifying Organization	National Institute for Metalworking Skills www.nims-skills.org (for employers: nimsready.org)				
Description of Credential	<p>Formed in 1994 by the metalworking trade associations to develop and maintain a globally competitive workforce, NIMS set skills standards for the industry, certifies individual skills against the standards and accredits training programs that meet NIMS quality requirements.</p> <p>The NIMS Credentials certify an individual’s skills as measured against the NIMS Standards. Earning NIMS credentials requires a performance test and a theory test. The performance requirements and theory tests are drawn directly from the NIMS Standards, and are written and piloted by industry.</p>				
	Level I	<p>NIMS Machining Level I completion is aligned with entry-level requirements for on-the-job skills. Areas of skill include the following: a) Measurement, Materials & Safety; b) Job Planning, Benchwork & Layout; c) Manual Milling Skills I; d) Turning Operations: Turning Between Centers; e) Turning Operations: Turning Chucking Skills; f) Grinding Skills I; g) Drill Press Skills I; h) CNC Turning: Programming Setup and Operations; i) CNC Milling: Programming Setup & Operations; j) CNC Turning: Operations; k) CNC Milling: Operations</p>			
Level II	<p>NIMS Machining Level II completion aligns with journeyman requirements for on-the-job skills. Areas of skill include the following: a) Manual Milling Skills II; b) Turning II (manual); c) Drill Press Skills II; d) Grinding Skills II; e) CNC Milling Skills II; f) CNC Turning Skills II; g) EDM—Wire; and h) EDM—Plunge.</p>				
Part of which Graduation Pathways ¹	<u>Integrated:</u> Manufacturing Construction Crafts and Logistics				
Associated with Which Careers?	<p><u>5 Star:</u> Cost Estimator, Inspector, Mechanical Engineer, Machinists</p> <p><u>4 Star:</u> Millwrights, Structural Metal Fabricators and Fitters</p> <p><u>3 Star:</u> Engine & Other Machine Assembler</p>				
Entry-Level Annual Salaries	\$23,810 - \$53,000				
Industry-Based Certification Requirements: Students					
Standard / Curriculum	<p>To view a NIMS Machining Level 1 credential overview, click on one of the links found here.</p> <p>To view the Procedures Manual for NIMS Credentialing in Machining Level I & II, click here .</p> <p>For a list of FAQs, click here .</p>				
Testing Methodology	Paper?	No	Online?	Yes	Performance Exams / Tests? Yes
Re-Testing (if available)	Re-Testing Procedures	Re-testing is available. No required waiting period; test fees re-assessed.		Max Attempts	Unlimited
Testing Details (including any age requirements / accommodations)	<p>Students may be younger than 18 years of age, if testing through a state-recognized program (i.e. at a school). Any person 18 years of age or older or who is enrolled in a formal structured metalworking program, who has acquired knowledge and performance capabilities requisite to the Level I or II may apply to demonstrate his or her competency and test against the Level I or II skill standards.</p> <p>Performance requirements for each of the Level II Credentials, except drill press operations, involve a candidate making a part(s) according to NIMS specified prints, a review by the candidate’s sponsor, and a third-party review by a NIMS recognized Metalworking Technical Evaluation Committee.</p> <p>There is a \$35 testing fee for Level I tests, and each re-test is \$35. Level II Tests are \$50 each and each re-test is \$50. Accredited Programs receive 20% discount on ALL test fees. Organization must be registered with NIMS. Performance projects: must be overseen by a registered sponsor. Most require student machined parts and are inspected by two Metalworking-Technical (MET-TEC) Inspectors.</p> <p>Online Testing: Must be overseen by a registered proctor.</p>				

Industry-Based Certification Requirements: Teachers

Bulletin 746, Chapter 5: All Louisiana teachers providing instruction in a course that leads to an IBC must hold the certification that they're teaching students to attain.

Instructor Certification Requirements (by certifying agency)	Programs seeking NIMS Accreditation: Instructors must earn NIMS credentials in the modules that they instruct.				
Proctoring / Test Security (if any)	Instructor CANNOT be the proctor.				
Certification Tracking					
Credentialing Documentation	Trainees receive a certificate, wallet-sized card, and patch from NIMS.				
Certification Tracking System	Online Tracking System?	Yes (available to sponsors)	Details	Certificates are mailed to the school.	
Other Details	Expiration Timeframe?	NIMS Credentials have no expiration.			
Certification Costs / Funding Sources					
Cost Details	One-time \$40 registration fee plus the cost of testing. There is a \$35 testing fee for Level I tests, and each re-test is \$35. Level II Tests are \$50 each and each re-test is \$50.				
Re-test / Refund Policies	Re-test incurs same fee (\$35 for Level I; \$50 for Level II; Accredited Programs receive a 20% discount.)				
Funding Sources ²	CDF?	Yes	Perkins?	Yes	Alternative Source (other than General Funds)
For More Information					
Certifying Agency Contact Info	NIMS: https://www.nims-skills.org				
LDE Contact	JumpStart@La.Gov				
Jump Start Regional Team Experts	TBD				

1 – This table may not include all the graduation pathways this credential appears in. Please check the [graduation pathway](#) you are working with if you have a question as to whether or not this credential is part of that pathway.

2 – CDF = [Career Development Fund](#)