



NATION'S GOLD STANDARD

Industry-recognized Certifications for Front-line Work in Advanced Manufacturing & Logistics

MSSC-Certified Production Technician (CPT) & Certified Logistics Technician (CLT)

Gold Standard Qualifications

National Leadership: An *industry-led*, 501(c)(3) *non-profit*, MSSC is *America's national leader* in training and certifying the foundational, core technical competencies for front-line work (entry-level up to first line supervisory) for *in-demand, higher wage, higher skills jobs* in advanced manufacturing & logistics.

Federal Endorsement: Officially endorsed in 1998 by the federal National Skill Standards Board as the industry group *responsible* for industry-defined national skill standards and related certification for front-line work common across all production jobs in all sectors of manufacturing. ***No other organization received that NSSB endorsement.***

Federally-recognized Standards: Developed initial MSSC Production Standards with assistance of leading corporations, all industrial unions, 4000 front-line workers, and 400 educational organizations at a cost of \$9.5 million in public-private funds. NSSB officially recognized standards in 2001, which provided *substantive basis for CPT*.

Includes Supply Chain Logistics: Secured federal funds in 2007 to build the *first-ever industry-led national standards, certifications and training system for front-line material handling and distribution jobs: CLT*.

Broad Industry Participation: Since 1999, some *400 leading corporations* have participated in the development and review of MSSC National Production or Logistics Standards, or have established MSSC test sites.

Annually Updated: Updates standards annually with industry subject matter experts to *ensure that MSSC Standards are keeping pace with technological changes--e.g. 3-D Printing, Internet of Things, Nanotechnology, Mechatronics--* (NOTE: For latest Edition of the MSSC National Production & Logistics Standards, visit www.msscusa.org).

Includes employability skills: CPT & CLT cover *good conduct, teamwork, communications, and problem-solving*.

Available Nationwide: Now institutionalized, MSSC deploys CPT and CLT through a network of some *1700 MSSC-trained instructors and 1000 test sites, mostly and colleges and secondary schools, in 49 states*.

Applies to 12+ Million Jobs: 6.2 m. front-line manufacturing production and 5.8 m. material handling-distribution jobs.

Third-Party ISO Accredited: *Assures quality* as only national certification body accredited by the American National Standards Institute *under ISO Standard 17024 (Personnel Certification)*. Also, vetted by the U.S. Departments of Labor, Education, Justice, VA, Jobs Corps--with MSSC CLT now the *leading civilian certification used by the Armed Services*.

Stackable: One of the five Founding Partners in 2008 of the NAM-endorsed Skills Certification System of stackable credentials with ACT (core academic) and MSSC (core technical) at foundational level followed by NIMS and AWS (higher-level technical) and SME (engineering and advanced technologist level).

Unique Benefits of MSSC

Applies to a wide range of populations: Used by community college students, high schoolers, returning vets, dislocated workers, at-risk youth, long-term unemployed, and incarcerated.

Enjoys high success rates: MSSC CPT and CLT certificants have excellent job placement rates and demonstrated success in moving up the education ladder in a ***manufacturing or logistics career pathway***.

Avoids costly development costs for government agencies: MSSC is ***“shovel ready.”*** Its services and processes are mature, effective and require no further development costs. ***Begin actual training and certification NOW.***

Nationally consistent and portable: MSSC’s industry-wide core technical skills for advanced manufacturing and logistics are common nationwide, which makes CPT and CLT nationally portable.

Timely and cost-effective for students: Individual CPT and CLT credentials can be secured in ***40 hours each*** with the ***tuition*** costs to students for a ***160 hours for all four CPT Modules at a community college typically under \$2500.***

Articulates well between high schools and college: CPT and CLT provide ***a strong start in high school on a career pathway*** in manufacturing or logistics, which often secures dual credit for moving into community college.

For-credit courses ensure sustainability: MSSC offered for credit in both secondary and postsecondary levels are less dependent on grant funds and can be covered through customary sources: tuition, GI Bill, Pell Grants, et al.

Avoid “Reinventing the Wheel:” Companies and schools can use MSSC CPT and CLT as an ***authoritative foundation*** upon which they can add customized solutions. (For 14 corporate examples, see _____)

Easily integrated into apprenticeships, internships: CPT and CLT are ideal foundations for any “work and learn” program: apprenticeships, summer internships, “boot camps,” advanced tech centers, Amatrol hard trainers.

Facilitates data collection and improved accountability: MSSC keeps careful records of student progress and achievement and is thus a frequent partner with state agency accountability programs.

Secures a pipeline of certified entry-level workers: Eliminates recruitment, remedial training costs, and increases performance of new workers. ***At no cost, companies need only state, “MSSC Preferred” in job listings.***

Builds core skills of incumbent workers: Benchmark them against national standards and scores.

Reduces turnover: CPT and CLT certificants are ***more motivated, confident, committed, and comfortable working in multi-task, high performance*** workplaces. For MSSC Certificant Surveys on these values, see (insert link)