



NATION'S GOLD STANDARD

**Certified Production Technician (CPT)
Certified Logistics Technician (CLT)**

National Leadership

National Leadership: An industry-led, 501(c)(3) non-profit, MSSC is America's leader in training and certifying the foundational technical competencies for front-line workers (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 the NSSB endorsement.

Internationally Accredited: MSSC is the only American industry certification program accredited under ISO Standard 17024 (Personnel Certification). Also, vetted by the U.S. Departments of Labor, Education, Justice, VA, Jobs Corps—with MSSC CLT now a leading civilian certification used by U.S. Army—and endorsed by NAM for manufacturing & logistics.

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.

First in 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).

"Hands On": MSSC offers a "CPT+" certificate option using an innovative Amatrol "Skill Boss" hands-on training and testing device. Colorful and portable, this new device will be ideal for getting youth—and adults—excited about manufacturing careers and for enabling many more schools and companies to include integrated hands-on training without the high costs of a tech center. [Skill Boss brochure.](#)

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

Pioneer in Apprenticeships: CPT is embedded in the 3000-hour U.S. DoL-registered Industrial Manufacturing Technician (IMT) Apprenticeship and has a 720-hour DOL-Approved Pre-apprenticeship for high school students.

National Impact

Available Nationwide: CPT and CLT are available nationwide through 2186 MSSC trained instructors, 1410 test sites, mostly at colleges and secondary schools, and 95 MSSC Reps in 50 states. [Infrastructure Report.](#)

Broad Industry Participation: Since 1999, some 400 leading corporations have participated in the development and review of MSSC National Production or Logistics Standards. [Company Direct Participants List.](#) For some current examples of companies using MSSC in workforce skills enhancement, see [MSSC Corporate Uses.](#)

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

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

Quality Assurance

Third-Party Approved: In addition to its ISO Accreditation and NAM endorsement, MSSC's credentials are also approved by the U.S. Departments of Labor, Education, Justice, VA, Jobs Corps—with MSSC CLT now the leading civilian logistics certification used by U.S. Army—plus multiple state agencies for education and workforce development.

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. Latest Edition of the MSSC National Production & Logistics Standards: [MSSC Production Standards](#) & [MSSC Logistics Standards](#)

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

Stackable: Under the NAM-endorsed Skills Certification System, MSSC CPT is at the foundational level with ACT's National Career Readiness Certificate (NCRC), with the other Founding Partners of that System—NIMS, AWS, SME—stacked on top of MSSC's foundation skills certification.

Unique Benefits

Delivered and Customized Locally: Provides authoritative national standards and portable industry certifications that are implemented and customized at the community level in many different ways to meet specific local needs.

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 the total 160 hours (4 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.

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: Reduces 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. [Value of MSSC Certifications to Individuals](#)