



NATION'S GOLD STANDARD

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

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.*

Now "Hands On": MSSC offers a "CPT+" certificate option using an innovative AmatroL "Skill Boss." 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 have *hands-on training without the high costs of a tech center.* Please click on the link to view the [Skill Boss brochure](#).

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. Please click on the link to view the MSSC [Company Direct Participants List](#).

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 *2000+ MSSC-trained instructors and 1100+ test sites, mostly and colleges and secondary schools, in 49 states and DC.*

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 *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.

Pioneer in Apprenticeships: MSSC CPT is embedded in the U.S. DoL-registered Industrial Manufacturing Technician (IMT) Apprenticeship. Historically, this is the *first RA based on the MSSC model of the agile production worker*, prepared to work in a wide variety of production jobs, not just a single craft, to keep pace with technological change.

Unique Benefits of MSSC

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.

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.

Stackable: Under the NAM-endorsed Skills Certification System, MSSC CPT is at the foundational level with ACT, with the other Founding Partners of that System—NIMS, AWS, SME—stacked on top of that foundation.

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, fed loans, et al.

Used by Leading Corporations: MSSC and its participating schools have worked over the years with hundreds of companies. Please click here for current examples of [MSSC Corporate Uses](#).

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, please view the attached, [Value of MSSC Certifications to Individuals](#) document.