

MSSC TRAINING AND CERTIFICATION PROGRAMS

Certified Production Technician (CPT) Program.

Organized under five Modules:

- **Safety**
- **Quality Practices & Measurement**
- **Manufacturing Processes & Production;**
- **Maintenance Awareness;**
- **Green Production**

Course length: each course lasts about 40-45 hours

Credentials: MSSC provides an industry-recognized “CPT 4.0 Certificate” for students for each modular assessment that the student passes, and a “Full CPT 4.0 Certification” for those who pass the first four modules above. The addition of “4.0” to the credentials clarifies that the MSSC has upgraded its standards to add nine newly-emerging, data intensive “Industry 4.0” technologies: 5G, Artificial Intelligence (AI), Additive (3D), Industrial Internet of Things (IIOT), Autonomous Robots, Data Analytics, Augmented Reality, Advanced Materials, and Nanomanufacturing.



CPT 4.0+ Skills Boss Hands-on Program: Students in the Certified Production Technician (CPT) program also have the opportunity to secure a ***hands-on*** “CPT 4.0 Plus certification’ using the “Skill Boss-Manufacturing” training and assessment device invented by Amatrol, Inc. CPT 4.0+ requires that students pass all four CPT Modules.

High School Pre-apprenticeship Program: The U.S. Department of Labor has approved this as a “Quality Preapprenticeship” program. It has two components:

- **Related Training.** Provided in a secondary school by a MSSC-authorized CPT+ Instructor, this training requires an additional 15 hours of hands-on training for each of the first four CPT Modules and a final 60-minute hands-on assessment. Students must complete the hands-on training for Safety and Quality in their junior year and hands-on training in their senior year in Manufacturing Processes and Maintenance Awareness.

- **On-the-Job Learning.** Paid OJL in the summer of their junior year and the same in their senior year (total 560 hours)

Pre-apprenticeship Credentials: A “Instructors Transcript” for completion of training at the end of each MSSC module. A MSSC “Preapprenticeship Certificate” for successful completion of full program.

Certified Logistics Technician (CLT) Program

Organized under two modules:

- **Certified Logistics Associate (CLA) – entry level**
- **Certified Logistics Technician (CLT)- mid-level technical**

Course Length: CLA is a 25-30-hour course, CLT a 40-45-hour course.

Credentials: MSSC provides an industry-recognized “Certificate” to students who pass the CLA assessment and a “Full Certification” to students who pass both the CLA and CLT modules.

Certified Forklift Technician (CFT) Program

Organized under a single, *55-hour* course focused on the repair and maintenance of forklift vehicles. When individuals complete the assessment based on that course, they receive a “Pre-qualification Award.” That Award then qualified them to take a hands-on assessment administered either by forklift dealer or qualified community college, needed for the CFT Certification.

Credentials: Full CFT Certification