



Certified Production Technician (CPT)

The CPT Certification addresses the core technical competencies of higher skilled production workers in all sectors of manufacturing, including automotive manufacturing and related suppliers. MSSC awards certificates to individuals who pass any of its Production Modules: Safety, Quality Practices & Measurement, Manufacturing Processes & Production, and Maintenance Awareness; and a full Certified Production Technician (CPT) Certification to those who pass all four original modules.

Careers:

- Equipment Operators
- Inspectors/Quality Control
- Machinists
- Process Techs
- Assemblers
- Material Handlers
- Project Leads
- Production Supervisors

Entry-level salaries can typically range from \$20,000 - \$50,000, depending on the industry, specific position, & worker experience.



**Next classes begin
May 30, 2018**

Safety Module

- Customer needs
- Communication and leadership
- Team building and decision making
- Safety organization
- Personal protective equipment
- Fire and electrical safety
- Hazardous material safety
- Aligned with OSHA 10

Quality Module

- Blueprint reading
- Basic measurement
- Precision measurement
- Dimensional gauging
- SPC and control charts
- Continuous improvement
- Inspections
- Audits
- Prevention and correction
- Documentation

Manufacturing Processes & Production Module

- Mechanical principles
- Materials and material testing
- Production processes
- Machining processes and tooling
- Procedures and process documentation
- Production planning and workflow
- Packaging and distribution

Maintenance Awareness Module

- Basic electrical circuits
- Pneumatic and hydraulic power systems
- Lubrication
- Bearing and couplings
- Belt and chain drives
- Machine control concepts
- Machine automation
- High vacuum systems
- Laser system

Earn the Skills Needed for High-Pay Manufacturing Careers by Attending the MSSC CPT Preparation Boot Camp 12-Week Course



Trenholm State
COMMUNITY COLLEGE



Dates: May 28 - August 30, 2018, Four classes/week.

Location: Trenholm State Community College, Patterson Campus, Building Q,
3920 Troy Highway, Montgomery, AL 36116

Seating limited to 15 slots. Registration and payment deadline: May 24th

Program Tuition: \$1875.00 includes books/curriculum, MSSC Registration, and Exam Fees

To register, contact Renita Scott, 334-420-4400, email rscott@trenholmstate.edu

	Course Subject	Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Week 0	Orientation	6:00 - 8:00 PM	5/27/2018	28-May	29-May	30-May	31-May	1-Jun	2-Jun
Week 1	MSSC CPT Safety Module	*6:00 - 9:30 PM 4 Classes/Week	3-Jun	4-Jun	5-Jun	6-Jun	7-Jun	8-Jun	9-Jun
Week 2			10-Jun	11-Jun	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun
Week 3			17-Jun	18-Jun	19-Jun	20-Jun	21-Jun	22-Jun	23-Jun
Week 4	MSSC CPT Manufacturing Processes & Production Module	*6:00 - 9:30 PM 4 Classes/Week	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun	30-Jun
No Class			1-Jul	2-Jul	3-Jul	4-Jul	5-Jul	6-Jul	7-Jul
Week 5			8-Jul	9-Jul	10-Jul	11-Jul	12-Jul	13-Jul	14-Jul
Week 6			15-Jul	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul
Week 7	MSSC CPT Quality Practices & Measurement Module	*6:00 - 9:30 PM 4 Classes/Week	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul
Week 8			29-Jul	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug	4-Aug
Week 9			5-Aug	6-Aug	7-Aug	8-Aug	9-Aug	10-Aug	11-Aug
Week 10	MSSC CPT Maintenance Awareness Module	*6:00 - 9:30 PM 4 Classes/Week	12-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug	18-Aug
Week 11			19-Aug	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug	25-Aug
Week 12			26-Aug	27-Aug	28-Aug	29-Aug	30-Aug	31-Aug	1-Sep

* Classes are on Monday - Thursdays of each week. Each CPT exam is given on the last class of each respective module (4).

Refund Policy: If a student withdraws (withdrawal request must be received in writing) from the program/class at least two business days prior to the program orientation meeting, a refund minus a five (5) percent administrative processing fee will be returned. No refunds will be given after that time. Full refunds are issued if Trenholm State Community College cancels a program/class due to insufficient enrollment.

Requirements: Basic computer skills and a High School Diploma, or GED, or participation in an authorized GED program. To determine your eligibility to participate in the GED or to complete your high school diploma, please contact Trenholm State's Adult Education at 334-420-4348 or 334-420-4351 (<http://www.trenholmstate.edu/programs/adult-education/>) to speak with a staff member about GED classes, TABE testing, and other opportunities.

Up to 12 hours of credit for full-CPT (passing all 4 exams) may be available for transfer into TSCC's Advanced Manufacturing program options.