



**GCMCA Career Pathways for  
Advanced Manufacturing**  
For An Appointment Call PTEC @ 513.569.4135



**National Career Readiness Certificate (NCRC):** (PTEC) A free skills assessment that measures an individual's knowledge in Math, Reading, and Locating Information (WorkKeys). In addition, we offer a free Fit & Talent assessment that identifies career interests as well as skills in areas of work performance.

**Manufacturing Skill Standards Council (Ewendale Campus)** 6 Credits (Optional Course along Pathway)  
**Skill Sets**– Safety, Quality, Measurements, Manufacturing Processes & Production, Maintenance Awareness  
**Credential Earned:** Certified Production Technician.

**Machine Operator Level 1:** (10 Credits) & **Machine Operator Level 2:** (7.5 Credits) (Ewendale Campus)  
**Skill Sets:** Blue Print reading, Precision Measurement, Operation Monitoring, CNC Programming & Operation; Gain experience working with manual lathes, presses, drills and CNC.

**Applied Technology Specialists Degree (Main Campus)** Credit hrs from MSSC (6) and Machine Operator courses (17.5) may be applied  
**Skill Sets:** Knowledge of production and processes; ability to manage personnel, Time Management, Problem Solving. This degree and prior technical work experience, may lead to supervisory/managerial roles.

**Computerized Numerical Controlled (CNC) Machining Certificate (Main Campus)** 21 Credits-  
**Skill Sets:** Understanding of Advanced CNC programing.- Become employable after completing this certificate program and continue your education towards earning a degree in Mechanical Engineering Technology Design (METD) or Manufacturing (METM).

**Mechanical Engineering Technology (Main Campus)** (Transferable to 4 yr Engineering Degree) :  
2 Options – 1) Design 2) Manufacturing  
**Skill Sets:** Practical application of engineering science design/production of goods; CNC programing; Critical thinking, etc... Credits earned fro CNC Machining Certificate may be transferred into this degree path.

**One year Welding Certificate or Welding Degree (Harrison Campus)**  
**Skill Sets:** Knowledge of metal properties/principals of welding; Shop Math; Precision Control; Gain experience with MIG, TIG, SMAW, and Flux Cored welding techniques.

Updated 12/10/14



For an appointment or more information, please contact:

**The Pathway to Employment Center (PTEC)**

Located in the lower level of the Ohio Means Jobs Building  
1916 Central Parkway  
Cincinnati, Ohio 45214

For more information please call  
**513 569 4135**



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**FREE** services for participants enrolling in a **Greater Cincinnati Manufacturing Careers Accelerator (GCMCA) Program**

***Career and Academic Advising***

Career Assessment & Mapping  
Educational Guidance  
Referral to Resources  
Veteran Services

***Academic Tutoring***

Compass® Preparation  
Group or Individualized Tutoring  
Manufacturing Program Math/English Tutoring

***Employment Services***

Résumé Development  
Interviewing (soft/interpersonal) skills  
Job Search Resources