

Dual Enrollment Advanced Manufacturing



Certified Production Technician (CPT) is both an industry-recognized and a nationally-recognized program to prepare individuals for careers in Advanced Manufacturing Production (from entry-level through front-line supervisor) through the successful completion of certification assessments. This program is made up of four classes Safety, Quality Practices & Measurement, Manufacturing Processes & Production and Maintenance Awareness. The CPT certification program has the core technical skills that can ensure new workers have a basic understanding of the manufacturing workplace and be more immediately productive on the job. The goal of the CPT certification program is to raise the level of performance of production workers both to assist individuals in finding higher-wage jobs and to help employers ensure their workforce increases the company's productivity and competitiveness.

Dual Enrollment is when a high school student receives credit at two institutions at the same time. At the high school level, the class is applied toward their high school diploma while at the Tennessee College of Applied Technology they are receiving hours toward their programs certificate or diploma.



© Can Stock Photo - csp17648826

Career Outlook By 2018, 42 percent of jobs in manufacturing will require some postsecondary education or a degree. Expectations for postsecondary attainment will likely continue to rise, particularly in advanced manufacturing. Advanced manufacturing occupations require academic, employability and technical skills, including skills in quality production processes, maintenance, safety and customer needs. In addition, 12 percent of managerial and professional office jobs are in manufacturing. Advanced manufacturing careers include: • machinists • production supervisors • inspectors • engineers • computer technicians. basic understanding of the manufacturing



Illustration by Chris Gash

workplace and be more immediately productive on the job. The goal of the CPT certification program is to raise the level of performance of production workers both to assist individuals in finding higher-wage jobs and to help employers ensure their workforce increases the company's productivity and competitiveness. at CHS in our amazing new building.

