

ADVANCED MANUFACTURING TECHNOLOGY CORE SKILLS - CERTIFICATE OF ACHIEVEMENT

Plan Code: 3922

The Advanced Manufacturing Technology department will be offering several Certificates of Achievement to provide students the knowledge and training they need to enter a specialized career or enhance their skills for advancement in their job. Coursework completed while earning a Certificate can also be applied to the Associate Degree. The Advanced Manufacturing Technology Core Skills Certificate provides a student the necessary skills for an entry-level/internship opportunity in the advanced manufacturing field with a focus on manufacturing.

Program Student Learning Outcomes

- Demonstrate the ability to create and interpret mechanical engineering drawings and specifications.
- Create Computer Numerical Control (CNC) machine tool programs utilizing CNC programming technologies.

Program Requirements

Code Number	Course Title	Units
REQUIRED COURSES		
ADMT 50	Advanced Manufacturing, Introduction	3
ADMT 200	Advanced Manufacturing Math	3
CAD 1	Intro Computer Aided Design SolidWorks	3
ETEC 60	Material Science for Engineering Tech	3
OSHA 254	OSHA Standards for General Industry	2
WELD 50	Introduction to Welding	3.5
Total Units		17.5