



School of Applied Technologies

SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM):

Manufacturing Engineering Technology



60-credit Associate of Applied Science Degree

For more information: www.wctc.edu/mfg-eng

Manufacturing engineering technology blends knowledge from multiple subject areas, such as science, math, computers and mechanical and electrical engineering to solve problems in manufacturing. Technicians are charged with assisting engineering and management in the design and development of new products and in the improvement of production processes.

In the Manufacturing Engineering Technology program, gain skills for interdisciplinary careers in high-tech manufacturing and industrial technology. Develop a broad background in many areas, including manufacturing processes, lean and Six Sigma, automated manufacturing and modern design methods.

- Prepare for jobs such as engineering technician, process technician, quality control engineering technician or manufacturing engineering technician.

PROGRAM CODE 10-623-3

Credits

CORE COURSES:

204-110	Print Media/Digital Pub I	3
420-160	Manufacturing Processes - Cold	2
457-110	Blueprint Reading - Fab	2
462-104	Industrial Safety	2
623-161	Lean Enterprise/Intro	3
204-112	Color Theory and Print Process	2
439-181	SolidWorks for Tool Design 1	2
606-162	Manufacturing Process - Hot	2
623-162	Prin for Lean Enterprise	3
605-126	Industrial Systems	3
623-163	J-I-T Lean Enterprise	3
623-170	Intro to Continuous Improvement	3
462-120	Power Systems	2
606-114	GD&T	3
623-164	Lean/Sigma Application	3
623-175	Computer Assisted Prog Process	3
623-180	Manufacturing Eng Capstone	4

GENERAL STUDIES:

804-107	College Mathematics	3
801-196	Oral/Interpersonal Comm	3
809-195	Economics	3
801-136	English Composition 1	3
809-199	Psychology of Human Relations	3

FALL OR SPRING START

Curriculum is current as of printing. For available proficiency exams or course prerequisites, visit www.wctc.edu.