

# Advanced Manufacturing Pathway



The Advanced Manufacturing Pathway leads the way for students with a desire to pursue a career in fields in the areas below:

- **Advanced Automation Technology**
- **Electronics Technology**
- **Engineering**

Students will choose from the classes below. Class selection will be based on high school graduation requirements, test scores, class availability, major selection, and previous college credit.

MCTC COURSE	COURSE NAME	CREDIT HOURS
ART 101	Intro to Visual Art	3
COL 101	New Student Seminar	1
COL 105	Post Secondary Success	1
COM 112	Oral Communication	3
ELT 111	Direct Current Circuit A&A	5
ELT 121	AC Circuit Analysis & Application	5
ENL 101	Written Communication	3
ENL 102	Written Communication II	3
FN 107	Personal Finance	1
MAT 120/120E	Applied Professional Mathw/Expanded	3/4
MAT 130/130E	College Algebra/Expanded	3/4
MAT 132	Pre-Calculus	4
MAT 215	Applied Discrete Math	3
MAT 229	Calculus with Analytic Geometry	5
POLS 101	Intro to American Government	3