








2017-2018 Catalog

GUIDED PATHWAYS TO SUCCESS:

(338) ADVANCED MANUFACTURING, AAS

FIRST SEMESTER (16 hours)			Milestone?
ORNT 90	FYS: First Year Seminar	1	
ENG 115	Technical Writing	3	
CIT 117	Microsoft Applications	3	
HPE 110	CPR & First Aid	1	
APT 100	Intro to Applied Technology	2	
APT 102	Safety for Industry	3	
APT 110	Intro to Print Reading	3	
SECOND SEMESTER (15 hours)			
MATH 113	Technical Math	3	
APT 150	Hydraulic and Pneumatic Fundamentals	3	
APT 155	Electrical and Electric Fundamentals	3	
MEC 120	Motors/ Motor Control	3	
MEC 122	Machine Maintenance	3	
THIRD SEMESTER (15 hours)			
SPCH 101	Interpersonal Communication	3	
PHYS 115	Applied Physics	4	
MEC 115	Instrumentation I Mechanical	3	
MEC 140	Programmable Controllers I	3	
MEC 232	Pumps and Piping	3	
FOURTH SEMESTER (15 Hours)			
PSYC 155	Human Relations	3	
MEC 222	Programmable Controllers II	3	
MEC 230	Fluid Power Systems	3	
MEC 235	Instrumentation II Electrical	3	
MEC 250*	Problem Solving and Teamwork Seminar	2	

*Program Director approval needed to be enrolled in MEC 250

KEY:  Milestone

 Certification Option



Your **ACADEMIC MAP** includes all of the courses required in your degree program, organized in a semester-by-semester sequence that allows you to graduate on time without losing credits, missing classes or falling out of your cohort.

Job Title

- Electro-Mechanic, Electro-Mechanical Technician, EM Tech, Engineering Technician, Mechanical Technician. Laboratory Technician, Product Test Specialist, Test Technician

Wage and Employment Trends

- \$53,340 Annual (2015)
- 15,000 Employees (2014)
- Little or no Change in Projected Growth between 2014-2024
- 3,700 Projected Job Openings between 2014-2024

We understand that managing multiple responsibilities while attending college can make life complex for many students. So, we pledge to do our part, through individualized advising and support, to help you make collegiate choices that will lead straight to the finish line.