

**THE UNIVERSITY OF AKRON
STARK STATE COLLEGE PARTNERSHIP
ADVISING GUIDE**

**BACHELOR OF SCIENCE – AUTOMATED MANUFACTURING ENGINEERING TECH
REQUIREMENTS TO BE ADMITTED TO BS – AUTOMATED MANUFACTURING PROGRAM:**

- COMPLETION OF THE AAS IN INDUSTRIAL TECHNOLOGY – INDUSTRIAL MAINTENANCE
- COMPLETION OF BRIDGE COURSE (12 credits needed):

Course Number	Course Name	Credits
2880:241	Introduction to Quality Assurance	3
2880:100	Manufacturing Processes	3
2880:140	Computer Aided Drawing	3
2880:225	Computer Aided Tool Design	3

- COMPLETION OF AUTOMATED MANUFACTURING TECHNICAL COURSES (38 credits needed):

Course Number	Course Name	Credits
2880:230	3-D Modeling & Design	3
2860:370	Survey of Electronics I	3
2870:332	Management of Technology Based Operations	3
2870:311	Facilities Planning	3
2870:348	CNC Programming I	3
2920:310	Economics of Technology	3
2920:101	Introduction to Mechanical Design	3
2870:470	Simulation of Manufacturing Systems	3
2870:448	CNC Programming II	3
2920:370	Plastics Design & Process	3
2870:441	Advanced Quality Practices	3
2870:480	Automated Production	3
2870:490	Manufacturing Project	2

- COMPLETION OF ADDITIONAL GENERAL EDUCATION REQUIREMENTS (15-17 credits needed):

Course Number	Course Name	Credits
2030:255	Technical Calculus I	3
2820:111	Introductory Chemistry	3
3400:210	Humanities in the Western Tradition	4
xxxx:xxx	Humanities Requirement(s)	3-6
xxxx:xxx	Area Studies/Cultural Diversity	2

TOTAL CREDITS REQUIRED FOR DEGREE COMPLETION:

130 credits

- Must complete a minimum of 30 credits from The University of Akron
- Must achieve a minimum cumulative GPA of 2.0 to graduate
- All Automated Manufacturing classes must be completed with a 'C' or better