

Cluster: Manufacturing

Major: **Industrial Supervision Technology**

High School			
9	10	11	12
English 1	English 2	English 3	English 4 (TAP option for ENG 155 or ENG 101/102 dual enrollment)
Algebra 1	Geometry	Algebra 2	Pre-Calculus or Probability & Statistics
Physical Science	Biology	Chemistry	Physics
Global Studies	Social Studies Elective	US History	Government and Economics
Computer Science			
Physical Education or Jr. ROTC	**General Elective	Note: TAP, dual enrollment, and cluster elective options will vary depending on the high school and career center campus.	***TCTC Dual Enrollment Courses (SPC 205, PSY 120 or other Humanities recommended)
		***TCTC Dual Enrollment Courses	

Note: The core academic courses listed represent the more commonly chosen courses and sequences. *Cluster electives are selected from the career major which consists of at least 4 required units of study in that area. Any number of cluster electives is possible depending on the offerings of the particular high school/career center. Some cluster elective courses may be taken for Technical Advanced Placement (TAP) credit or as dual enrollment (college) credit. **General electives may be complementary cluster electives or other courses, such as foreign language, fine arts, etc. and are based on an individual student's interest, career goals and college requirements. ***Qualified students may consider other dual enrollment courses to satisfy general education requirements in their associate degree major.

Major: Industrial Supervision Technology
Associate Degree in Applied Science
Tri-County Technical College

Fall 1	Spring 1	Summer	Fall 2	Spring 2
QAT 101 Intro to Quality Assurance	QAT 102 Quality Concepts and Techniques	QAT 103 Quality Management	EGT 270 Manufacturing Integration	IMT 221 Industrial Cost and Analysis
EGR 110 Intro to Computer Environment	IMT 181 Industrial Operations I	IMG 115 Management Safety	**Technical Concentration Elective	***Humanities Requirement (dual enrollment option)
ENG 155/101* Communications I (TAP option for ENG 4) or (*ENG 101 dual enrollment)	ENG 156/102*/SPC 205 Communications II (dual enrollment option)		**Technical Concentration Elective	***Science Requirement
MAT 155 Contemporary Math	IMG 121 Intro to Industrial Management		***Social Science Requirement (dual enrollment option)	**Technical Concentration Elective
IMG 133 Industrial Supervision	**Technical Concentration Elective		***General Elective	***General Elective
**Technical Concentration Elective				

*If you are considering continuing at a four-year college and substitute English 155 and 156 with ENG 101 and 102, you must add Speech 205 to your graduation requirements. **Technical Concentration Electives may be chosen from Electronics, Engineering Graphics, HVAC, Industrial Maintenance, Machine Tool, Quality Assurance, Textiles and Welding courses. *** Elective Requirements may be selected from General Education Course Offerings listed on page 92 of the TCTC catalog. **Disclaimer:** While the Career Pathway shown is generally considered to be the most efficient sequence of courses for this program, it does not necessarily represent the only sequence for completing the program. Students should consult with their academic advisor regularly to ensure all program requirements are being fulfilled.