

## Applied Engineering Technology Curriculum Map

Program offered at New Richmond and Rice Lake  
 Check out this program at <http://www.witc.edu/programs/progcerts.htm>



School Year 2006-2007

### Applied Engineering Technology

(Two-Year)  
 Associate Degree (10-623-7)



#### Job Titles

Quality Assurance Technician  
 Quality Auditor  
 Technical Engineering Assistant  
 Quality Coordinator  
 Precision Materials Inspection  
 Quality Assurance Manager  
 Quality Supervisor  
 Quality Analyst  
 Inspector  
 Statistical Process Control (SPC) Coordinator

### Cumberland High School

First Semester		Second Semester	
10623120	Quality Assurance	10623122	Precision Measuring
10623131	Quality Philosophies	10623123	Statistical Process Control
10623150	Interpreting Engineering Drawings	10623161	Manufacturing Materials
10804163	Technical Math 163	10623162	Manufacturing Processes
10801195	Written Communication	10623124	Industrial Problem Solving
10809196	Introduction to Sociology	10804183	Technical Math 183
		10809195	Economics <b>or</b>
		10809144	Principles of Macroeconomics
		10809199	Psychology of Human Relations <b>or</b>
		10809198	Introduction to Psychology
Third Semester		Fourth Semester	
10623135	Manufacturing Practices	10623129	Advanced Statistical
10623126	Production Planning and Controlling	10623130	Process Control
10623127	Standards and Regulations	10623131	Product and System
10623128	Quality Systems	10623175	Quality Auditing
10623164	Inspection and Metrology	10801196	Design of Experiments
10806151	Technical Science 1	<b>or</b>	Geometric Dimensioning and Tolerancing
		10801198	Oral/Interpersonal Communication
			<b>or</b>
			Speech

#### Helpful High School Courses

Applied Math  
 Algebra  
 Machine Shop  
 Print Reading  
 Psychology  
 English/Communications  
 Technical Education Systems Operations