# Machine Tool Technician Curriculum Map

Program offered at Rice Lake and Superior
Check out this program at [http://www.witc.edu/programs/progcerts.htm](http://www.witc.edu/programs/progcerts.htm)

## First Semester
- 32420300: Metrology
- 32420332: Semi-Precision Machining
- 32420351: Print Reading for Machine Trades
- 32420362: Milling Fundamentals
- 32420363: Turning Fundamentals
- 32804355: Math 355
- 32806351: Applied Science
- 32890305: Applied Information Resources

## Second Semester
- 32420361: Introduction to CAD/CAM
- 32420365: CNC Fundamentals
- 32420366: Milling Applications
- 32420367: Turning Applications
- 32420399: Precision Grinding
- 32801361: Applied Communications 1
- 32804364: Math 364
- 32809371: Applied Human Relations

## Third Semester
- 32420315: CNC Programming – Milling
- 32420316: CNC Milling Operations
- 32420320: CAD/CAM Applications
- 32420353: Production Planning and Quality
- 32420375: Job Shop Machining 1
- 32420376: Job Shop Machining 2
- 32806300: Applied Materials Science

## Fourth Semester
- 32402312: CNC Programming – Turning
- 32420313: CNC Turning Operations
- 32420373: Production Machining 1
- 32420374: Production Machining 2 (WBL)
- 32801363: Applied Communications 2

## Helpful High School Courses
- Communications
- Mechanical Design
- General Metals/Welding
- Machine Shop
- Print Reading
- Principles of Technology
- Algebra
- Trigonometry
- Geometry
- Keyboarding
- Economics
- Physics

Courses reflected in **red** are approved for advanced standing with WITC.

Note: Course sequence may vary by campus.