Mechanical Design Technology

Curriculum Map
Program offered at Rice Lake
Check out this program at http://www.witc.edu/programs/progcerts.htm

Mechanical Design Technology
(Two-Year)
Associate Degree (10-606-1)

Job Titles
Mechanical Design Technician
Engineering Technician
CAD/CAM Technician
Draftsperson, Mechanical
Tool Programmer
Numerical Control Programmer
Engineering Assistant
Mechanical Equipment Designer
Die Designer
Tool Designer
3D Solid Modeler

Baldwin-Woodville High School

First Semester | Second Semester
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10606102 Engineering Procedures and Specifications | 10606120 Manufacturing Processes
10606140 Mechanical CAD | 10606141 Advanced Mechanical CAD
10804165 Technical Math 165 | 10606194 Introduction to Pro/ENGINEER
10806151 Technical Science 1 | 10804146 Trigonometry

Third Semester | Fourth Semester
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10606111 Mechanisms | 10606130 Hydraulics/Pneumatics/Fluidics
10606143 Engineering/Computer Drafting | 10606155 Design/Machine Elements
10606151 Strength of Materials | 10606159 Machine Design Problems (WBL)
10801196 Oral/Interpersonal Communication or | 10809144 Principles of Macroeconomics
10801198 Speech | or
10809196 Race, Ethnic, and Diversity Studies | Introduction to Sociology
10809198 or | or
10809199 Introduction to Psychology | Psychology of Human Relations

Helpful High School Courses
Geometry
Algebra
Physics
Machine Shop
Print Reading
Chemistry
Mechanical Drawing
English/Communications
Keyboarding
Computer classes

Electives
10420148 Machine Shop Applications
10606185 Introduction to AutoCAD
10606192 Applied AutoCAD
10606195 Intermediate Pro/ENGINEER
10606196 Intro to Inventor

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

Note: Course sequence may vary by campus.