



WISCONSIN  
INDIANHEAD  
TECHNICAL  
COLLEGE

# Mechanical Design Technology

## Curriculum Map

Program offered at Rice Lake

Check out this program at <http://www.witc.edu/programs/progcerts.htm>



School Year 2006-2007

### 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

### Ashland High School

First Semester		Second Semester	
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
		10806153	Technical Science 2
		10801195	Written Communication
Third Semester		Fourth Semester	
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 <b>or</b>	10809144	Principles of Macroeconomics <b>or</b>
10801198	Speech	10809196	Introduction to Sociology
10809172	Race, Ethnic, and Diversity Studies	10809198	Introduction to Psychology <b>or</b>
		<b>10809199</b>	<b>Psychology of Human Relations</b>
Helpful High School Courses		Electives	
	Geometry	10420148	Machine Shop Applications
	Algebra	10606185	Introduction to AutoCAD
	Physics	10606192	Applied AutoCAD
	Machine Shop	10606195	Intermediate Pro/ENGINEER
	Print Reading	10606196	Intro to Inventor
	Chemistry		
	Mechanical Drawing		
	English/Communications		
	Keyboarding		
	Computer classes		

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

Note: Course sequence may vary by campus.