# Three Rivers Community College CAD 130-131 INDUSTRIAL CAD 2007 Spring Syllabus Prof. Ronald Greenier

Office Room 203

Office Hours: Monday 12:00-1:00 Wednesday 12:00-2:00

## **Communications:**

Phone Number - 860-885-2380

 $Email\ Address-\underline{rgreenier@trcc.commnet.edu}$ 

#### **Class Hours:**

Lecture: 9:30-10:20 Lab: 10:30-11:45

## **Textbooks:**

Engineering Drawing and Design 4th Edition By Madsen, Madsen, and Turpin AutoCAD 2006 or 2007: AutoCAD and its Applications By Shumaker, Madsen, Madsen, and Black

## **Grading:**

Lecture -5 Tests = 100%

Lab consists of 13 weekly assignments each week weighted equally = 75%

Final Project = 15%

Power Point or AutoCAD Slide Presentation = 10%

DATE	CONTENT	ASSIGNED READING
1-22-07	Course Introduction Title Blocks and Borders Attributes - AutoCAD Template Drawings - AutoCAD	Chap 1 Pg. 43-49 Chap 24 Chap 2
1-29-07	ANSI Linetypes AutoCAD Linetypes	Chap 7
2-05-07	Scales What is CADD The Engineering Design Process Fasteners and Springs	Chap 2 Chap 3 Chap 3 Chap 12
2-12-07	Multiviews	Chap 9
2-19-07	President's Day Classes Not in Sess	sion
2-26-07	Descriptive Geometry 1 Descriptive Geometry 2	Chap 16 Chap 17

3-05-07	Manufacturing Materials and Processes Dimensioning and Tolerancing	Chap 5 Chap 11
3-12-07	Power Point or Slide Presentations	
3-19-07	Spring Break, Classes Not in Session	
3-26-07	Mechanisms, Linkages, and Cams	Chap 19
4-02-07	Gears and Bearings	Chap 19
4-09-07	Belt and Chain Drives	Chap 20
4-16-07	Working Drawings	Chap 18
4-23-07	Welding Processes and Representations	Chap 21
4-30-07	Industrial Process Piping	Chap 22
5-07-07	HVAC – Sheet Metal Drafting	Chap 25
5-14-07	Final Project Due Final Exam – Comprehensive	