Three Rivers
COMMUNITY COLLEGE

Syllabus

Instructor: Bob Riley

Communications:
Phone Number- (860) 564-6422 ext. 1212
Email Addresses- rriley@trcc.commnet.edu

Class lectures and labs are in room E-116- Thursday 5:30 – 9:50

Description:
The course introduces tools and techniques of AutoCAD 2016 covering draw commands, editing, dimensioning, hatching, layers, blocks, plotting and a variety of entry-level techniques and settings.

Course Outcomes:
- Learn AutoCAD draw commands.
- Effectively use edit and modify commands.
- Manage drawings using layers, line types and color.
- Manage the Dim Style Manager.
- Create basic drawings.
- Apply knowledge to applications of Science, Technology, Engineering, and Mathematics. (STEM)
- Identify, analyze and solve technical drawing problems.
- Communicate effectively through the use of AutoCAD
- Demonstrate proficiency in the use of AutoCAD

Required Textbook(s) and materials:
AutoCAD and its Applications 2016 Basic or Comprehensive
By Terence M. Shumaker / David A. Madsen
(This class will only use the Basic section of the Comprehensive version)
Some form of storage media: Flash Drive.

Grading:

Quizzes and exams will cover assigned drawing skills from lab drawings, reading and materials discussed in class. Homework and project assignments are announced in class. Lab and lecture assignments are due on the next scheduled class; projects are due on the designated date. Assignments will be graded on professionalism, accuracy, proficiency, and completeness according to the drawing rubric.

Grading Breakdown:

Lecture:

		GRADES		

Grading Breakdown:

Lecture:
    Class work   =75%
        Weighting
        Test   5
        Quizzes   3
        Chapter Q's   1
        Other written   1
    Mid-term   =10%
    Final Exam comprehensive   =15%

Lab:
Weekly assignments: =75%
    Weighting
    Tests   5
    Quizzes   3
    Class exercises/problems
        Weighted Individually
        Weighted Concept
Power Point portfolio   =10%
Final Exam comprehensive   =15%

GRADES

Grade	Range	GPA
A	94-100	4.0
A-	90-93.5	3.7
B+	87-89.5	3.3
B	83-86.5	3.0
B-	80-82.5	2.7
C+	77-79.5	2.3
C	73-76.5	2.0
C-	70-72.5	1.7
D+	67-69.5	1.3
D	63-66.5	1.0
D-	60-62.5	0.7
F		0.0

DATE	WEEK	CONTENT	ASSIGNED READING
Sept 3	1	Course Introduction TRCC Network- Black Board Windows Basics Starting AutoCAD Menu Systems Coordinate Systems Basic Text Intro Power Point Your Portfolio Software for home	Chapters 1 2
Sept 10	2	Introduction to Drawing and Editing	3
Sept 17	3	Basic Object Commands	4
Sept 24	4	Modifying Objects Arranging and Patterning Objects	11 12
Oct 1	5	Line Standards, Layers, View Tools and Basic Plotting Text Styles and Multiline Text	5 6 9
Oct 8	6	Object Snaps (osnaps) Obtaining Drawing Information	7 15
Oct 15	7	Construction Tools & Multi-view Drawings Polylines Making a Prototype Template	8 14
Oct 22	8	Mid-Term exam	

Oct 29	9	Linear and Angular Dimensioning Dimensioning Features	17 18
Nov 5	10	Dimension Standards and Styles Editing Dimensions	16 20
Nov 12	11	Standard Blocks	24
Nov 19	12	Section Views and Graphic Patterns	23
Nov 26	13	No Class Thanksgiving Break	
Dec 3	14	Power Point Portfolio Due Final Exam Review	
Dec 10	15	Make-Up Open Lab	
Dec 17	16	Final Exam	Comprehensive

The instructor reserves the right to revise information contained herein. Changes, if any will be announced in class

Please make sure that you are aware of the **Academic Integrity Policy**

Academic integrity is essential to a useful education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the legitimacy of every degree awarded by the College. In this class and in the course of your academic career, present only your own best work; clearly document the sources of the material you use from others; and act at all times with honor.

ATTENDANCE

Students are expected to attend class regularly. No absences of any nature will be construed as relieving you from the responsibility for the completion of all work assigned by the instructor. Absences are discouraged because interaction with the instructor and classmates is an integral part of learning. Class instruction provides an opportunity for you to observe, comprehend, work on in-class assignments, ask questions and participate in discussions.
Unexcused absences from quizzes and exams will result in a score of zero. Excused absences must be submitted in writing, and be made in advance of the quiz or exam. Arrangements are to be made up on an individual basis with the instructor.

DIGICATION

All students are required to maintain an online learning portfolio using a TRCC designed template. Through this electronic tool, students can see their own growth in college-wide learning. The student can keep and continue to use the Digication account after graduation. A Three Rivers General Education Assessment Team will select random works to improve the college experience for all. No names will be attached to the assessment work; it will remain private and anonymous for college improvement purposes. In class outlines, students will find recommended assignments which support various college-wide learning abilities. The student will have a tool which can integrate their learning from the classroom, school, and life and allow for another opportunity of learning at TRCC! Students will be able to make multiple portfolios.

PEOPLE WITH LEARNING DISABILITIES

If you have a learning disability that will affect your ability to successfully complete this class, contact Assistance-Learning Disabilities. Assistance- Learning Disabilities will be able to assist you if you have or determined to have a learning disability and provide you with the necessary paperwork for accommodations.

Assistance - Learning Disabilities Contact
Chris Scarborough - Learning Disabilities Specialist
Phone: 860-412-7286
E-mail: cscarborough@trcc.commnet.edu

Also, if you need additional help or tutoring take advantage of the Tutoring and Academic Success Center.
Combined Tutoring Center & Writing Center
TASC is located in Rm. C-117, next to the Library.
- **860.892.5713**
- **TASC Main Addresses: TASC@trcc.commnet.edu or TRWritingCenter@trcc.commnet.edu**