Three Rivers
COMMUNITY COLLEGE

Syllabus

Instructor: Bob Riley

Communications:

Email Addresses- rriley@trcc.commnet.edu

Class lectures and labs are in room D115 Tuesday 5:30 – 9:50

Description:
      The course introduces tools and techniques of AutoCAD 2018 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 2018 Instructor
      By: James A Leach SDC Publications
      Some form of storage media: Flash Drive.

Grading:

      Quizzes, tests, 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 day after 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: 106
    - Classwork: 75%
      - Tests 5
      - Quizzes 3
      - Questions 1
      - Other TBA
    - Midterm 10%
    - Final Comprehensive 15%
  - Lab: 107
    - Weekly Assignments 75%
      - Tests 5
      - Quizzes 3
      - Drawings See Rubric
        - Weighted Individually by degree of difficulty
        - Weighted by concept focus. (dimensioning, geometry…)
    - PowerPoint Portfolio 10%
    - Final Comprehensive 15%

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 CHAPTERS
Aug 30	1	Course Introduction TRCC Network- Blackboard learn Windows Basics Starting AutoCAD Menu Systems Coordinate Systems Basic Text Intro Power Point Your Portfolio Software for home	1 2 3
Sep 6	2	Basic Setup and Draw Commands	5 6 8
Sep 13	3	Draw Commands	15
Sep 20	4	Selection Sets Modifying Objects	4 9&16
Sep 27	5	Line Standards, Layers, View Tools and Basic Plotting Text Styles and Multiline Text	11 10 18
Oct 4	6	Object Snaps (osnaps) Obtaining Drawing Information	7 17
Oct 11	7	Construction Tools & Multi-view Drawings Making a Prototype Template	24 12
Oct 18	8	Mid-Term exam	
Oct 25	9	Linear and Angular Dimensioning	28
Nov 1	10	Dimension Standards and Styles Editing Dimensions	29
Nov 8	11	Standard Blocks	21
Nov 15	12	Section Views and Hatching	26
Nov 29	13	Exploring AutoCAD 3D	
Dec 6	14	Power Point Portfolio Due Exploring other 3D programs Final Exam Review	
Dec 13	15	Final Exam	Comprehensive
Dec 21	16	Grades Due	

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
 Contact Information
Phone: (860) 215-9017
Location: Room A-119
Hours: Monday through Friday (excepting major holidays)
8:30am to 5:00pm

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**

FALL 2018 STANDARD 15 WEEK SESSION

Aug 27 Registration deadline and last day to drop classes for full tuition refund

Aug 28 Classes begin, add and drop periods begin

Sep 3 **Labor Day - college closed** *and*

last day for students to add a class - online (**Aug 31 in person)**

Sep 4-7 Welcome Week

Sep 10 Last day to drop classes and partial tuition refund

Sep 17 Constitution Day observed (classes in session)

Sep 21 Professional Day (classes in session)

Sep 25 Last day to select audit option

Oct 16 Reading Day *****See Additional Notes**

Nov 1 Continuing Degree-Seeking Student Registration for Winter '18 Intersession

and Spring '19 Semester

Advising day (classes in session)

Nov 5 Advising day (classes in session)

Nov 6 Last day to select pass/fail option, last day to submit incomplete work from

Spring '18 and Summer '18

Nov 15 New Student and Non Degree-Seeking Student Registration for Winter '18

Intersession and Spring '19 Semester, and last day to apply for spring

graduation (May '19)

Nov 21 College open - no classes in session

Nov 22-25 **Thanksgiving recess**

Dec 9 Last day to withdraw from classes - online (**Dec 7 in person)**

Dec 16 Last day of 15 Week Session

Dec 21 Final grades due to Registrar's office

Dec 24 Grades available on web

Dec 25 **Christmas Day - college closed**