

SYLLABUS

MFG K121

Sheet Metal Blueprint Reading

CRN 33051

Wednesdays 6:00 PM – 7:40 PM 8/24/2016 – 12/14/2016

Room D124

THREE RIVERS COMMUNITY COLLEGE

NORWICH, CONNECTICUT 06360

Chris Petersen, INSTRUCTOR cpetersen@threerivers.edu

Fall 2016

Goal: The goal of this course is to provide the student with a solid foundation necessary to read prints in an industrial setting and find success in any career where prints are found.

Class structure: The class will consist of written work, hands on projects and class participation. All student's grades will be accessible via Blackboard.

Instructor Cancellation of Class:

There may be instances when it will be necessary for the instructor to independently cancel classes such as for illness or personal inability to travel safely to the college. In these instances the instructor will attempt to notify students at least two hours in advance that classes will not be held. Notifications will be made by announcement on Blackboard. It is the student's responsibility to check *Blackboard* regularly.

ACADEMIC INTEGRITY

Students are expected to do their own work in this class. Working together to better understand the material is acceptable. Submitting duplicate work is not acceptable and will adversely affect the assignment grade. Example violations include but are not limited to:

- o Copying a file or any portion of a file from another student
- o Sharing or allowing another student to copy your files or any portion of a file
- o Duplicating or distributing copies of licenses for software programs and/or services

MYCOMMNET ALERT

MyCommNet Alert is a notification system that delivers critical information to students, faculty and staff of the Connecticut Community Colleges in the event of an emergency. The system delivers emergency messages through text messaging over cellular phones. Emergencies may include campus-related immediate health or safety situations and may also include weather-related college delays or closings. All students are encouraged to sign up for myCommNet Alert. Instructions for enrolling in myCommNet Alert and additional details are available at: [MyCommNet Alert](#).

STUDENT EMAIL

The Connecticut Community Colleges issue student email addresses to all students. The College-issued student email will be the official mode of communication with students on administrative matters. Students may look up their email address in myCommNet. Directions are available at: [Student Email Guide](#).

DISABILITIES STATEMENT

If you are a student with a disability and believe you will need support services and/or accommodations for this class, please contact the Disabilities Support Services at TRCC. Please note that the instructor cannot provide accommodations based upon disability until the instructor has received an accommodation letter from the Disabilities Counselor. Accommodations take effect when the instructor receives the paperwork from a student- accommodations cannot be provided retroactively.

Grading: The overall grade will be 40% class projects, 20% written units, 30% tests and quizzes and 10% class participation.

Outline:

Day 1 - Prints: The Language of Industry

Day 2 - Line Conventions and Lettering

Day 3 - Title Blocks and Parts List

Day 4 -Geometric Terms and Construction

Day 5 -Multiview Drawings

Day 6 - Section Views

Day 7 -Auxiliary Views

Day 8 -Screw Thread Representation

Day 9 -Dimensioning

Day 10 -Machine Specifications and Drawing Notes

Day 11 -Geometric Dimensioning and Tolerancing

Day 13 -Detail Drawings

Day 14 -Assembly Drawings/Review

Day 15 -Final Project/Final Exam

Classroom Guidelines: Students are responsible for all missed work. You must meet with me upon returning from an absence to arrange make up work. Missing class will negatively impact your grade. You are expected to arrive on time, ready to get to work at the beginning of each class. The use of cell phones or other technological devices is not permitted during class time.