

**CAD 151.01.WN2018
Winter 2018**

Computer Assisted Drafting

Instructor:

Pat Shaughnessy

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Meeting Information:

Wednesday - 5:30- 9:22pm WA117

Lecture/Lab (1 hour lecture, 3 hours laboratory)

Credits : 3

Course Description:

This course will prepare students to use computer aided design (CAD) to produce high quality prints that utilize all current ANSI terminology and standards.

Course Outcomes:

After completing this course students will be able to:

- Create CAD drawings of various manufacturing and architectural based parts
- Demonstrate understanding of layers and layer controls
- Utilize proper dimensioning standards and view placements
- Demonstrate proper file usage and numbering

Prerequisite:

MFG 105

Text:

Technical Drawing 101 with Autocad 2016 (w/CD)

Author: Ramirez

ISBN: 9781585039630

Copyright Year: 2015

Grading Procedure:

At any point of the term, you can calculate your grade by taking the total amount of points that you have earned and dividing this number by the total amount of points possible at that point. Next, take this average and apply it to the Grading Scale listed on the next page to determine your grade.

Tentative Activities which are subject to change:

(3) Quizzes @ 30 pts each	=	90 pts
(5) Sketches @ 10pts each	=	50 pts
(10)Projects @30 pts each	=	300 pts
Final Project @50 pts	=	50 pts
Total Available	=	490 pts

Your final grade will be posted in e-services at the end of the semester. Final grades will be determined as follows:

Grading Scale:

92%-100% = 4.0	75%-79% = 2.5	60%-64% = 1.0
85%-91% = 3.5	70%-74% = 2.0	55%-59% = 0.5
80%-84% = 3.0	65%-69% = 1.5	0%-54% = 0.0

A 2.0 or "C" is a passing grade. Only courses with passing grades count toward graduation or a certificate. Other colleges transfer in only courses with passing grades. Many financial aid sources, including most employers, require passing grades.

Students will be saving their work to a local hard-drive. It is recommended that students bring their own removable compact drive to back up their work every class session.

Tests:

No makeup quizzes will be given. A missed test will be recorded as 0 points. Calculators are allowed.

Incompletes:

No incomplete grades will be given in this class except under extraordinary circumstances and if the student has completed at least 75% of the work and has at least 2.0 in the course. The grade of "I" is not awarded to students who did not attend, or seldom attended, or to those who simply are not pleased with their final grades. Students receiving an "I" may submit the remaining work during the next class offering by attending the remainder of the class. Or, talk to me about specific arrangements to complete the remaining work in a manner that is acceptable to me. Students do not redo work that had already been graded. Of course, students can drop the class up to the drop deadline as specified on the website calendar. See <https://www.jccmi.edu/registration-records/canceled-classes-drops-and-withdrawals/> for more info

Participation grades (HQV) and Final Grades:

You will receive 3 HQV grades during the semester (see Participation Reporting, p16 of the JCC catalog). You can view your HQV grades and final grades in e-services on the JCC website, by clicking the students menu, then clicking the grades by term hotlink.

- * V means verify. It verifies that you are participating
- * H means you need help. You will be contacted by the Center for Student Success.
- * Q means you have been withdrawn from the course due to lack of attendance. Contact student services

Outcome:

The course objective addressed in this class includes the following:

Think Critically

Students will demonstrate this skill by creating various prints and utilizing ANSI standards in a CAD based environment at a professional level.

Please Note:

"Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the office of Learning Support Services at 787-0800, extension 8270/8553 as soon as possible to ensure that such accommodations are implemented in a timely fashion."

College Closing:

Usually the College does not close due to inclement weather. Any cancellation of classes will be announced on the local radio stations. You can also call the switchboard (800) 787-0800. Jackson College utilizes Nixle for sending information about college closings and alerts. Sign up with Nixle and receive messages on your cell phone* and e-mail. See <https://www.jccmi.edu/about/weather-closings-cancellations/>

Academic Honesty Policy

The JCC Academic Honesty policy states that **academic honesty is expected of all students**. It is the ethical behavior that includes producing their own work and not representing others' work as their own, either by plagiarism, by cheating, or by helping others to do so. **Cheating is obtaining answers/materials from an outside source without authorization.** Cheating includes, but is not limited to: Plagiarizing in all forms, using notes/books without authorization, copying, submitting others' work as your own or submitting your work for others, altering graded work, falsifying data or exhibiting other behaviors generally considered unethical.

Plagiarism is the failure to give credit for the use of material from outside sources.

Plagiarism includes but is not limited to: Using data, quotations, or paraphrases from other sources without adequate documentation, submitting others' work as your own, or exhibiting other behaviors generally considered unethical. **Faculty members who suspect a student of academic dishonesty may penalize the student by taking appropriate action up to and including assignment a failing grade for the paper, exam, or the course itself.**

<https://www.jccmi.edu/human-resources/hr-employee-information/supervisor-handbook/>

Collaboration:

While JC encourages students to collaborate in study groups, work teams, and with lab partners, each student should take responsibility for accurately representing his/her own contribution.

Conduct:

Students are expected to behave in a mature, respectful manner in the classroom and laboratory. Cell phones and pagers will be turned off during exams or tests. No texting, games, or social media usage during class.

Withdrawals:

Withdrawals from the class must be made **prior to the date posted** in the current schedule book. Students who stop attending class without completing a withdrawal form will receive a grade of **0.0. It is the responsibility of the student to withdraw from the course to avoid receiving a 0.0 grade.**

Other notes:

Check Jetnet regularly, for information on the class; including topics to cover, homework, lab assignments, etc.

Please utilize your JC email. If I need to communicate something to you I will send it JC email.