

Civil Applications of CAD
CAD – 1202 -300
Fall 2009

Instructor: Mary Smith
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Meeting Times: Wednesday Evenings 6:00 pm – 9:30 pm

Text: Structural, Civil, and Pipe Drafting for CAD Technicians, Goetsch

Course Description:

This course introduces the CAD technician to civil applications. Emphasis is placed upon preparing survey plats and topographical drawings from surveyor coordinates. Lecture, two hours per week lab, two hours per week. (Students with working knowledge of AutoCAD may enroll by consent of instructor.)

Attendance is Required: A student will be dropped after five unexcused absences. Roll will be taken at each session. **After four unexcused absences ten points will be deducted from the students final average. Five extra credit points will be given to a student's final grade for perfect attendance.**

Assessment: Students will be assessed with two tests and a final on their understanding of the vocabulary and standards for the industry. Lab assignments will be used to assess the students understanding of the material. **The students final grade will be composed of 33 1/3 % of the final , 33 1/3% test average and 33 1/3% lab assignments.**

Plagerism / Dishonesty Policy: It is permissible to assist students with laboratory assignments. Any instances of cheating on tests or the Final Exam will result in disciplinary action.

Drop Policy: Students wishing to drop the class will have to initiate the procedure. The instructor will not drop a student without student verification, unless student misses more than five classes. At the semester end, if a student has not dropped and has not completed the course requirements, a grade of F will be given. Final drop date is usually about the 12th week. Please check with your counselor before dropping as it may affect your **Financial Aid** status

Special Needs: If you need support or assistance because of a disability, you may be eligible for academic accommodations through the IVCC Special Populations Office; Rm. B-204; Phone 815/224-0284.

Classroom Policies: Students who are disruptive in the classroom and/ or disrespectful to their

classmates and the learning environment may be asked to leave the classroom.

CAD-1202-300			
Date	Topic	Reading Assignments	Lab Assignments
08/19/09	Overview of Structural Drafting	Section I	T.B.A.
08/26/09	Structural Steel Drafting	Pages 66 -100	T.B.A
09/02/09	Structural Steel Drafting	Pages 100-141	T.B.A
09/09/09	Structural Precast Concrete Drafting	Pages 143- 175	T.B.A
09/16/09	Structural Precast Concrete Drafting	Pages 175-219	T.B.A
09/23/08	Structural Poured in Place Concrete	Pages 229 - 265	T.B.A
09/30/09	TEST #1		
10/07/09	Civil Engineering drafting and Piping/ Property Plats	Pages 301-317	T.B.A
10/14/09	Civil Engineering drafting and Piping/ Property Plats	Pages 301-317	T.B.A
10/21/09	Civil Engineering drafting and Piping/Contour Lines , Profiles, and Roadwork	Pages 324 -342	T.B.A
10/28/09	Civil Engineering drafting and Piping/Geographic Information System	Pages 348 - 357	T.B.A
11/04/09	Civil Engineering drafting and Piping/Pipe Drafting	Pages 358 - 383	T.B.A
11/11/09	NO CLASS VETERAN'S DAY		
11/18/09	Civil Engineering drafting and Piping/Pipe Drafting	t.b.a.	T.B.A
11/25/09	NO CLASS Thanksgiving Break		
12/02/09	TEST #3		
12/09/09	FINAL EXAM		

