



# COURSE OUTLINE

## CAD0100

Prepared: Barry Sparrow    Approved: Corey Meunier

<b>Course Code: Title</b>	CAD0100: INTRODUCTION TO COMPUTERS AND AUTOCAD											
<b>Program Number: Name</b>	1120: COMMUNITY INTEGRATN											
<b>Department:</b>	C.I.C.E.											
<b>Semester/Term:</b>	17F											
<b>Course Description:</b>	This course is intended to introduce to the student to the use of AutoCAD software in the preparation, editing and plotting of engineering drawings. The student will also be able to setup CAD drawings using standards for layers, text, and line weight. The student will become familiar with basic drawing and editing procedures, as well as file management and organization.											
<b>Total Credits:</b>	4											
<b>Hours/Week:</b>	4											
<b>Total Hours:</b>	60											
<b>Essential Employability Skills (EES):</b>	#1. Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. #4. Apply a systematic approach to solve problems. #5. Use a variety of thinking skills to anticipate and solve problems. #10. Manage the use of time and other resources to complete projects. #11. Take responsibility for ones own actions, decisions, and consequences.											
<b>Course Evaluation:</b>												
<b>Evaluation Process and Grading System:</b>	<table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>Assignmetns and Activities</td> <td>50%</td> </tr> <tr> <td>Final Test</td> <td>20%</td> </tr> <tr> <td>Mid-term Test</td> <td>20%</td> </tr> <tr> <td>Quizzes</td> <td>10%</td> </tr> </tbody> </table>		Evaluation Type	Evaluation Weight	Assignmetns and Activities	50%	Final Test	20%	Mid-term Test	20%	Quizzes	10%
Evaluation Type	Evaluation Weight											
Assignmetns and Activities	50%											
Final Test	20%											
Mid-term Test	20%											
Quizzes	10%											
<b>Books and Required Resources:</b>	No Textbook Required											
<b>Course Outcomes and</b>	Upon successful completion of this course, the CICE student, with the assistance of a Learning											



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### Learning Objectives:

Specialist will acquire varying levels of skill development relevant to the following learning outcomes:

### Course Outcome 1.

Upon successful completion, the student will be able to:

1. Prepare and interpret detailed dimensional drawings using computer assisted drafting software.

### Learning Objectives 1.

### Course Outcome 2.

Upon successful completion, the student will be able to:

2. Demonstrate relevant mathematical, computer and technical problem solving skills as it relates to civil engineering/construction projects.

### Learning Objectives 2.

### CICE Modifications:

#### Preparation and Participation

1. A Learning Specialist will attend class with the student(s) to assist with inclusion in the class and to take notes.
2. Students will receive support in and outside of the classroom (i.e. tutoring, assistance with homework and assignments, preparation for exams, tests and quizzes.)
3. Study notes will be geared to test content and style which will match with modified learning outcomes.
4. Although the Learning Specialist may not attend all classes with the student(s), support will always be available. When the Learning Specialist does attend classes he/she will remain as inconspicuous as possible.

**A.** Further modifications may be required as needed as the semester progresses based on individual student(s) abilities and must be discussed with and agreed upon by the instructor.



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### **B. Tests may be modified in the following ways:**

1. Tests, which require essay answers, may be modified to short answers.
2. Short answer questions may be changed to multiple choice or the question may be simplified so the answer will reflect a basic understanding.
3. Tests, which use fill in the blank format, may be modified to include a few choices for each question, or a list of choices for all questions. This will allow the student to match or use visual clues.
4. Tests in the T/F or multiple choice format may be modified by rewording or clarifying statements into layman's or simplified terms. Multiple choice questions may have a reduced number of choices.

### **C. Tests will be written in CICE office with assistance from a Learning Specialist.**

#### ***The Learning Specialist may:***

1. Read the test question to the student.
2. Paraphrase the test question without revealing any key words or definitions.
3. Transcribe the student's verbal answer.
4. Test length may be reduced and time allowed to complete test may be increased.

### **D. Assignments may be modified in the following ways:**

1. Assignments may be modified by reducing the amount of information required while maintaining general concepts.
2. Some assignments may be eliminated depending on the number of assignments required in the particular course.

#### ***The Learning Specialist may:***

1. Use a question/answer format instead of essay/research format
2. Propose a reduction in the number of references required for an assignment
3. Assist with groups to ensure that student comprehends his/her role within the group
4. Require an extension on due dates due to the fact that some students may require additional time to process information
5. Formally summarize articles and assigned readings to isolate main points for the student
6. Use questioning techniques and paraphrasing to assist in student comprehension of an assignment

### **E. Evaluation:**



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Is reflective of modified learning outcomes.

**NOTE:** Due to the possibility of documented medical issues, CICE students may require alternate methods of evaluation to be able to acquire and demonstrate the modified learning outcomes

**Date:**

Wednesday, September 6, 2017

Please refer to the course outline addendum on the Learning Management System for further information.