



A: Division: INSTRUCTIONAL

Date SEPTEMBER 1998:

B: Faculty: LANGUAGE, LITERATURE & PERFORMING ARTS

New Course: X

Revision of Course Information Form:

C: STGE 260

D: INTRODUCTION TO CAD

E:

2

| Subject and Course Number | Descriptive Title | Semester Credit | | | | | |
|---|--|-------------------------|-----------|-----------------------------|----------|------------|--|
| <p>F: Calendar Description: This course introduces the basic concepts of computer assisted drafting to students. Students will develop skills in two dimensional drawing using CAD software. A demonstration of 3D applications will also be included. Note: This course is delivered in an intensive 8 week module.</p> | | | | | | | |
| <p>Summary of Revisions: (date & section)</p> | | | | | | | |
| <p>G: Type of instruction: Hrs per / semester</p> <p>Lecture/Demonstration: 48 hrs Laboratory: hrs Seminar: hrs Clinical Experience: hrs Field Experience: hrs Practicum: hrs Shop: hrs Studio: hrs Student Directed Learning: hrs Other (specify) hrs Total: 48 hrs</p> | <p>H: Course Prerequisites STGE 100</p> | | | | | | |
| | <p>I: Course Corequisites NONE</p> | | | | | | |
| | <p>J: Course for which this Course is a Prerequisite NONE</p> | | | | | | |
| | <p>K: Maximum Class Size: 25</p> | | | | | | |
| | <p>M: Transfer Credit</p> <table border="1"> <tr> <td>Requested</td> <td>X</td> </tr> <tr> <td>Granted:</td> <td></td> </tr> </table> | | Requested | X | Granted: | | |
| | Requested | X | | | | | |
| Granted: | | | | | | | |
| <p>L:</p> <table border="1"> <tr> <td>College Credit Transfer</td> <td>X</td> </tr> <tr> <td>College Credit Non-Transfer</td> <td></td> </tr> <tr> <td>Non-Credit</td> <td></td> </tr> </table> | | College Credit Transfer | X | College Credit Non-Transfer | | Non-Credit | |
| College Credit Transfer | X | | | | | | |
| College Credit Non-Transfer | | | | | | | |
| Non-Credit | | | | | | | |
| <p>Specify Course Equivalents or Unassigned Credit as appropriate:</p> <p>UBC: SFU: U Vic: Other:</p> | | | | | | | |

Rose Nicole Drew Yare
Course Designer(s)

L. McCallum
Faculty Dean

[Signature]
Vice-President

P. H. [Signature]
Registrar

N. Textbooks and Materials to be Purchased by Students: **NONE**

O. COURSE OBJECTIVES

1. Students will become familiar with the basic operation of the computer for file management using the current operating platform.
2. Students will become familiar with the basic concepts of computer assisted drafting and the differences from manual drafting.
3. Students will learn and demonstrate basic two dimensional drafting techniques using the CAD software.
4. Students will become familiar with the 3D applications of the software.

P. COURSE CONTENT

The computer: -introduction to operation
 -file management
 -cad software

Drawing with CAD: -drawing set up
 -stationary templates
 -sizing and resizing
 -working with walls
 -layers
 -working with symbols
 -dimensioning and text

Introduction to 3D: -3D palette
 -extrude and sweep

Q. METHOD OF INSTRUCTION

Students will receive 3 hours of lecture/demonstration twice per week for 8 weeks.

R. COURSE EVALUATION

| | | |
|----|--|-------------|
| 1. | Work habits, housekeeping, attitude. | 10% |
| 2. | 5 projects that demonstrate skills in the fundamentals of CAD drawing. | 50% |
| 3. | Quiz. | 10% |
| 3. | Final project that combines the elements of instruction. | 30% |
| | <u>Total</u> | <u>100%</u> |