: STGE 1260

D: INTRODUCTION TO CAD

E: 2

	Subject & Course No.		ptive Title	Semester Credits
F:	Calendar Description: This course introduces the basic concepts of compakills in two-dimensional drawing using CAD sof included.			
G:	Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings: Lecture/ Lab Number of Contact Hours: (per week / semester for each descriptor) Lecture: 1 hour per week / 12 hours per semester Lab: 3 hours per week / 36 hours per semester Number of Weeks per Semester: 15 weeks per semester	H: I: K:	Course Prerequisites: STGE 1100 Course Corequisites: NONE Course for which this NONE Maximum Class Size: 25	Course is a Prerequisite
L:	PLEASE INDICATE: Non-Credit College Credit Non-Transfer College Credit Transfer: SEE BC TRANSFER GUIDE FOR TRANSFER	DET A	AILS (www.bctransfergu	ide.ca)

M: Course Objectives / Learning Outcomes

Upon completion of the course, the successful student should be able to:

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

N: 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

O: Methods of Instruction

Students will receive 2 hours of lecture, 1 hour of lab, and 1 hour of practice twice per week for 8 weeks.

P:

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Course Designer(s)	Education Council / Curriculum Committee Representative
Dean / Director	Registrar
Dean / Director	Registrat

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