DRAFTING DESIGN TECHNOLOGY 30G (1 CREDIT)
"Learning Today for Tomorrow"

This course will provide an opportunity for students to develop drafting skills in a practical activity-based approach. Drafting projects will be incorporated, allowing the students hands-on experiences in different stages as they develop the necessary theoretical background in order to design and construct various drawings utilizing AutoCAD and Revit computer design programs. Architecture-Residential Drafting and Design with the inclusion of Residential computer design programs and the Solid Works Design program utilizing a 3-D Printer will be incorporated to enhance the program. The development of good work habits will be a key component, as emphasized in any workplace
Text: AutoCAD Modules, Architecture Residential Drafting & Design Text & Video Tutorials.

Assessment:

Knowledge and Understanding   20%

Application   80%

No Exam

Creating the Grade:

➢ Grades will be based only on the demonstration of an individual student's knowledge and skills of the outcomes for each course:
   - Only items marked by the teacher will determine a student's grade
   - Grades are based on individual student achievement, not group achievement
➢ When determining a grade, the teacher will decide whether there is sufficient evidence of achievement. If not, the mark can be reported as an "*IN*" (incomplete). Teachers will determine with students and parents/guardians a plan for completion of work.

Establish, communicate, and apply consequences for late and missing work:

Students must understand that there will be consequences for not completing assignments that provide evidence of learning or for submitting those assignments late. If, after establishing and clearly communicating expectations regarding assignments, setting and communicating timelines for assignments, and supporting student learning using the strategies provided above, student work is still late or missing; teachers will apply the following strategies:

- ➢ confer with the student and, where appropriate, with the student's parent/guardians about the reasons for not completing the assignment, and consider the legitimacy of reasons;
- ➢ develop an agreement with the student to complete the work;
- ➢ require the student to complete missing work during lunch by attending the Assessment Completion Centre (ACC).

If, after completing the steps above, the student does not hand in the assessment by the agreed upon deadline, a zero may be used as a mark as the student has not demonstrated any knowledge or skill of the outcome.

The consequence for not completing work is to complete the work. Late marks will not be subtracted from an assignment as it is purely punitive and doesn't measure learning. The assignment will either be completed or given a zero.
The full policy is available on the SCI website under "Student Handbook".

30G Drafting

Course Assessment Timeline

Assignment Name	Deadline Date = "0" score
Chapters 10-17	September 30, 2020
AutoCad Architecture Drawings 10-1 to 11-2	October 15, 2020
AutoCad Architecture Drawings 11-4 to 15-2	October 30, 2020
Solid Works Tutorials	November 7, 2020
Revit Tutorials	November 14, 2020
Punch Home 1	November 30, 2020
Revit House Tutorial	December18, 2020
Solid Works F1 Car Activity	January 15, 2021

Note: Assignments/Activities listed above form the basic requirements of the course. Additional assignments/activities may be included, as we continue to adapt and include new innovative approaches to help enhance the learning and experience base to maximize the potential of all students in keeping with new programs and innovations in their field of study.

Our goal and moto is **"Learning Today for Tomorrow"**