

# Drafting Architectural

## Program Description:

Architectural Drafting is a two year program which will prepare you to enter the building construction industry as someone who prepares working construction drawings for residential and commercial buildings. The classes are small and you will be working closely with the other students in your class. Unlike university or high school, where you often don't see the same people in all your classes, you will be spending most of your time with the same people every day. You will be working and collaborating with these people and might be surprised to learn that many students remain very good friends for years afterwards.

## Program Expectations:

To be successful it is crucial that you attend regularly and hand in assignments and projects on time. In the building design and construction industry deadlines are paramount and we want to prepare you for success in the industry.

## Time Commitment:

A regular day for you will mean being in school from 8:30 to 3:30 each week day. During the day you will attend theory classes as well as spend at least a couple of hours in the computer lab working on assignments, doing research and developing your skills. You may need to spend a few hours a week on study during 'off hours' but most of your work can be accomplished in school during the day if you manage your time efficiently.

## Assignments/Class Time:

When in a theory class, as opposed to working in the computer lab, you will be introduced to new topics supported by your textbooks, PowerPoints and online resources. Discussion is an important part of learning as are in-class exercises.

## **Challenges:**

Students will benefit from a good understanding of computers and basic Grade 12 before beginning the program

## **Program Tool List:**

Calculator

Architect's Scale ruler

Metric Scale ruler

Measuring Tape \$10

Safety Apparel – CSA Approved Hard Hat

Safety Apparel – CSA Approved Safety Boots

Safety Apparel – CSA Approved Safety Glasses

Safety Apparel – Safety Vest

Sketch Book

## **How to be Successful:**

Are you a visual person with an interest in building construction and drafting? In this program, you will develop skills to prepare technical drawings for both residential and commercial buildings using the latest computer-aided drafting (CAD) techniques.

You will also build your professional portfolio in the area of building-related drafting techniques, theory, and application. In the first year, we make several visits to construction sites as well as construction material manufacturers. We will also have guest speakers from the design and construction industry as well as contact from building inspectors.