



## Milliken Mills High School Computer Science Department Grade 9 Course Selection Considerations

As you consider your options for next year in grade 10, you must take the following courses:

- English, Math, Science, History, and;
- Civics / Career Studies

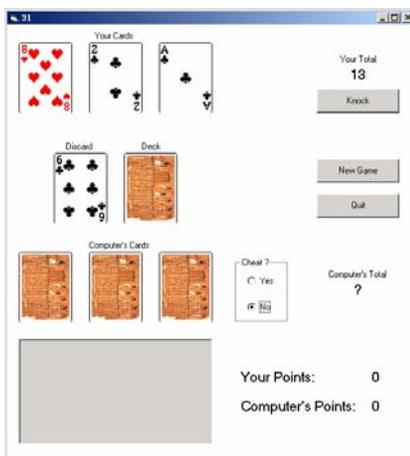
**This means you have 3 optional choices. One of those choices could be:**

### ICS201 – Introduction To Computer Studies, Grade 10

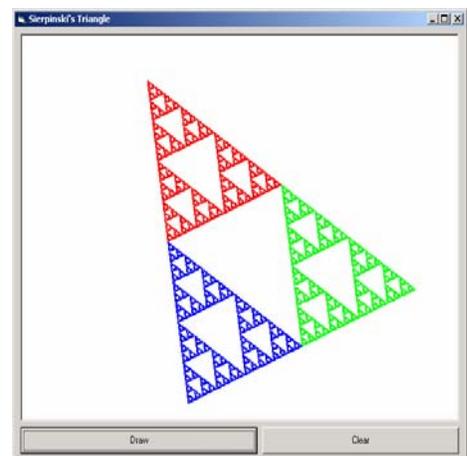
There are many reasons for choosing this course:

1. It satisfies the requirement that you take “**1 additional credit** in science (Grade 11 or 12), or technological education, or **computer studies**, or cooperative education” Reference: <http://www.edu.gov.on.ca/extra/eng/ppm/graduate.html>
2. If you are interested in Math or Computer Science this course is a “must” from a practical perspective.
3. If you are interested in Engineering or any of the Sciences, this computer course would also be of great value because of the high degree of the integration between those fields and computers.
4. If you are interested in business, then it is also very beneficial because of the close connection between computers and business.

**ICS20** is the only, purely software related, grade 10 computer course. We expect that students will be very successful in this course. All assignments are done on the computer and can be done mostly in class. The assignments range from purely computer-related to business to math and game development. Typically the final group project is to create a fully featured, Windows based, game played between a person and the computer.



Besides getting the computer to work for you; this course will also provide you with a good foundation in understanding what a computer can and cannot do; provide you with networking and Internet background, along with hardware and software integration; making you more able to sort through the local computer advertisements and allowing you to make the best informed decision when



purchasing your next computer. We will explore the Internet, its power and its misuses. We will also explore the social impact, environmental and ethical issues surrounding the manufacturing, use and disposal of IT equipment in our society.

We hope you will keep your options open and consider exploring the world of Computer Science