NORTH TORONTO COLLEGIATE INSTITUTE, TDSB

Introduction to Computer Science: Grade 11 University Preparation (ICS3U)

Description.

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.
(Computer Studies: The Ontario Curriculum Grades 10 to 12. Revised, 2008)   **Prerequisite:** None

Course Strands
A. Programming Concepts & Skills
B. Software Development
C. Computer Environments & Systems
D. Topics in Computer Science

Communication.   **Mr. Mirikhoozani:** *classroom: Lab 310*
                                                                   office: Math Office

Evaluation policy. Please refer to the Student Agenda.

Assessment & Evaluation Strategies. A variety of instructional strategies will be used to address student needs, and a variety of assessment and evaluation techniques will be used. Assessment for learning (formative assessment) will be administered before assessment of learning (summative evaluation). Evaluations will consist of tests, quizzes, assignments, projects, group work, and presentations. Student success is greatly enhanced by good attendance, good behaviour, and class participation. Completion of **daily** homework exercises and writing of all evaluations will provide feedback on student learning.

The course expectations will be evaluated according to the four categories of the achievement chart.

Term Evaluations		
Knowledge & Understanding	25%	
Application	30%	
Thinking/Inquiry	25%	
Communication	20%	**70%**
Course Culminating Evaluations		
Final Programming Project	15%	**30%**
Final Course Mark		**100%**

Classroom Expectations:

- Academic Honesty – Students are expected to be academically honest. They are expected to submit their own work, so that the mark received reflects their own academic achievement.
- Online Code of Conduct as in the school agenda or
  http://www.tdsb.on.ca/communications/code_of_online_conduct/occ.html
- Respect for Property – no food or drink in the lab
- Late or missed evaluations – please refer to your School Handbook