ST. THOMAS AQUINAS SECONDARY SCHOOL

25 Corporation Drive
Brampton ON, L6S 6A2
Phone: 905.791.1195

We believe that each one, created in the image and likeness of God, is called by name into the Dufferin-Peel community to realise the Ontario Catholic School Graduate Expectations to the fullest extent possible as we all journey from the early years to vocation.

COURSE OUTLINE

Department Name:	Computer Studies

Course Name:	Grade 11 Introduction to Computer Science
Course Code and Section:	ICS3U1

Course 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 issues, emerging research in computer science, and global career trends in computer related fields.
Strands/ Units:	Working in the Computing Environment 8 hours Problem Solving 6 hours Beginning to Program 25 hours Procedures and Functions 14 hours Information Storage and Related Issues 12 hours Using Data Structures: One and Two Dimensional Arrays 18 hours Putting It All Together 25 hours
	This course will help students address the Ontario Catholic School Graduate Expectations that they become effective communicators who use and integrate the Catholic faith tradition in a critical analysis of the arts, media, technology and information systems.

Assessment and Evaluation:

Category Weightings	Weight
Knowledge/Understanding	25%
Thinking	25%
Application	30%
Communication	20%

Final Summative Assessments	Grade Distribution
Term Work	70%
Course Culminating	15%
Exam	15%