



# ST. THOMAS AQUINAS SECONDARY SCHOOL

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*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

<b>Department Name:</b>	Computer Studies
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<b>Course Name:</b>	Grade 11 Introduction to Computer Studies
<b>Course Code and Section:</b>	ICS3C1

<b>Course Description:</b>	This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and post-secondary opportunities in computer-related fields.	
<b>Strands/ Units:</b>	Computers and Society	20 hours
	Beginning to Program – Input, Processing and Output	20 hours
	Beginning to Program – Selection Structures	20 hours
	Beginning to Program – Repetition Structures	20 hours
	Programming – Using and creating subprograms	15 hours
	Putting It All Together	15 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%