



# ST. THOMAS AQUINAS SECONDARY SCHOOL

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

## COURSE OUTLINE

<b>Department Name:</b>	Science
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<b>Course Name:</b>	Grade 12 College Chemistry
<b>Course Code:</b>	SCH4C1

<b>Course Description:</b>	This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection, and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment.
<b>Strands/ Units:</b>	<ul style="list-style-type: none"><li>• Matter and Qualitative Analysis</li><li>• Organic Chemistry</li><li>• Electrochemistry</li><li>• Chemical Calculations</li><li>• Chemistry in the Environment</li></ul>
<b>Catholic Graduate Expectations:</b>	This course helps students to meet the Ontario Catholic School Graduate Expectations by examining, evaluating and applying knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

### Assessment and Evaluation:

Category Weightings	Weight
Knowledge/Understanding	25%
Thinking	35%
Application	25%
Communication	15%

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