



## Course Information Sheet

**Course Title**     **Mathematics for College Technology - College**

**Course Code**     **MCT4C0**

<b>What do you do in this course?</b>	<b>What you do NOT do in this course.</b>
<ul style="list-style-type: none"><li>• Investigate and apply properties of polynomial, exponential and logarithmic functions</li><li>• Solve problems involving inverse proportionality; and explore the properties of reciprocal functions</li><li>• Analyse models of a variety of functions, solve problems involving piecewise-defined functions</li><li>• Solve linear-quadratic systems, and consolidate key manipulation and communication skills</li><li>• Solve problems that address applications of algebra, trigonometry, vectors and geometry</li></ul> Prepares students for a variety of college technology programs	

<b>Recommended knowledge/skills for successful completion</b>
<ul style="list-style-type: none"><li>• Effective problem-solving and communication skill</li><li>• Strong learning skills</li><li>• An interest in math or math related fields of work/study (sciences, engineering, computer science, etc.)</li></ul>

<b><u>Other (e.g. homework commitment)</u></b>
<ul style="list-style-type: none"><li>• Homework may include practice, preparation or extension of in-class work</li><li>• Consistent homework completion is essential for student success</li></ul>

**Please note:** *This form will assist students/parents in selecting courses that reflect the aptitudes and interests of the student. Be sure to check the common course calendar for a required prerequisite.*