

**FREE
ONLINE**
course

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Instructor-led course delivered
synchronously online via WebEx.

ACADEMIC AND CAREER PREPARATION

FREE Math Ramp Up

Gain the confidence and math skills you need to succeed in your postsecondary math courses.

This virtual comprehensive refresher course is delivered with an emphasis on problem solving in a guided, collaborative learning environment. It focuses on algebra and technical mathematics.

Participation is highly recommended for students entering the first year of Power Engineering Technology, Marine Studies programs or any technical program. This program is specifically designed to prepare students for first-year curriculum.

Course content and goals

- Review all basic operations through problem solving, including whole numbers, order of operations, fractions, decimals, ratios and proportions, percentages, and 2D and 3D geometry.
- Use algebra to solve single variable linear equations, systems of equations, and rearrange formulas.
- Graph linear equations: slope, intercepts, and rates of change.
- Solve quadratic equations and applications, and maxima and minima.
- Learn about vectors, algebra and applications of exponents and logarithms, and trigonometry of right and oblique triangles (including applications).

"As the Power Engineering Technology co-ordinator, I find that students who have taken the Math Ramp Up program have much better success with not only math-heavy courses, but the core courses that are in the Power Engineering Technology program as well. Getting students back into the rhythm of assignments and using their analytical mindset before the semester starts offers a better chance of overall success!"

Jed Gibbons | Power Engineering Technology
co-ordinator and instructor

August 8 to 24, 2023

Tuesday, Wednesday and Thursday
6:00 to 9:00 p.m.

FOR MORE INFORMATION OR TO REGISTER

Julie Gruetzman, Academic Pathways Liaison
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This FREE online course is available to individuals 19 years of age or older who meet the eligibility requirements. Applicants must be permanent residents or Canadian citizens residing in Ontario.