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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 emphasizes problem-solving in a guided, collaborative learning environment. It focuses on algebra and technical mathematics.

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

### Course content and goals

- Review basic operations through problem-solving, including whole numbers, order of operations, fractions, decimals and proportions.
- Use algebra to solve single-variable linear equations, systems of equations and to rearrange formulas.
- Graph linear equations, including slope, intercepts and rates of change.
- Apply trigonometry to right and oblique triangles, including real-world applications.

*"Success in the marine engineering and marine navigation programs requires that students solve all sorts of problems. Mathematics is the tool students use to solve many of those problems. Students confident in their math skills are better positioned to learn navigation and engineering, while those who are not often struggle and quickly fall behind. Ratios and proportions, algebra, graphing and trigonometry are everyday math skills that you'll further develop and use from day one. Attending the free Math Ramp Up in August is highly recommended for all mature students and those fresh from high school."*

**Colin MacNeil** | Co-ordinator Marine Studies

**Aug. 4 to Sept. 3 | 6 to 9 p.m.**  
**Tuesdays and Thursdays**

### FOR MORE INFORMATION OR TO REGISTER

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**This FREE online course is available to individuals 18 years of age or older who meet the eligibility requirements. Applicants must be permanent residents or Canadian citizens residing in Ontario.**