Math Readiness
August 17 to 28, 2015. Weekdays, 9:00 am to 4:30 pm

Spend two weeks this summer getting comfortable with the mathematics used in university-level science, engineering, mathematics, and business courses, before your university classes even begin.
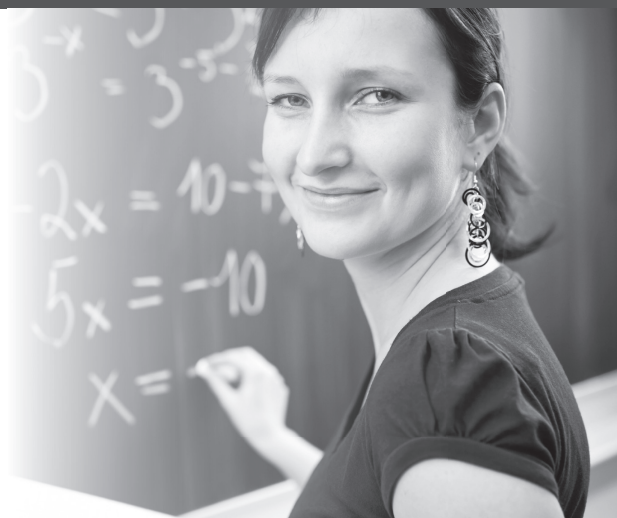
2015 Math Readiness Summer Camp

Ten days: August 17 to 28, 2015
Weekdays, 9:00 am to 4:30 pm
Fee: $300.00 (includes materials)
This two-week intensive course is held on the U of S Campus.
Instruction is both lecture format and small group tutorial sessions.

For more information on course content, please contact: Holly Fraser at 306.966.2742 or Email: holly.fraser@usask.ca

To register please call the Centre for Continuing & Distance Education at 306.966.5539

Math Readiness can help you…

- *If it's been a while since your last Grade 12 math class*
- *If your Grade 12 math marks are lower than 80%*
- *If you think you would benefit from a refresher course in the math used in university-level math, science, engineering or business courses.*

What is Math Readiness?

Math Readiness is a non-credit "math review," where you'll learn specific skills, such as how to apply properties of exponents, solve logarithmic equations, sketch graphs of the trigonometric functions, and much more.

But we'll also focus on more general abilities, such as being able to understand mathematical writing and being able to express ideas in mathematical notation.

Although it does not specifically cover calculus, Math Readiness will provide you with the background necessary for university-level calculus courses.

You will review:

- **algebraic skills**, such as properties of algebraic fractions, solving many different types of equations, radicals and exponents, and solving inequalities
- **functions**, emphasizing, understanding, and using function notation; domains of functions
- **graphing**, including standard graphs (such as lines and parabolas) as well as introducing graphs of new functions

- **trigonometric functions**, their properties and graphs; trigonometric identities
- concepts from **geometry**, such as similar triangles
- **exponential and logarithmic functions** and their graphs; properties of logarithms

These skills are useful in any university-level science, engineering or mathematics course, or in courses involving quantitative thinking (such as math-intensive courses from the Edwards School of Business).

And we'll help you get comfortable with the university environment, like the lecture format, which is used by most university instructors. Each short "math readiness" lesson will be given as a lecture, followed by a problem session. During the problem session, you'll work on exercises with other students in small groups with the guidance of senior class assistants.

In addition to the math classes, tours of the campus will be available to help acquaint you with the University of Saskatchewan. And you'll have enough free time to familiarize yourself with the city.

UNIVERSITY OF SASKATCHEWAN

For more information on the course, please visit: **ccde.usask.ca/mathreadiness**