



## Math Foundations Course

University of Saskatchewan

### Objectives for Innovation

Web- and print-based instruction

### Intended Audience

Adult students who want to improve their basic mathematical skills and prepare for post-secondary education

### Results Achieved

Interactive non-credit review of arithmetic, geometry and elementary algebra

Flexible access for students across the province and at the University of Saskatchewan

Information technology experience for students helping to develop the web site

### Partners

SaskTel, Cameco, Northern Teacher Education Program/Northern Professional Access College

### Implementation

July 2000 (Phase I)

### Sample Web Site

<http://math.usask.ca/~taylor/beijing>

Math Foundations is a web- and print-based course designed to establish foundational skills in arithmetic, geometry and elementary algebra. The interactive web site enables students and the instructor to work with the materials and communicate with each other to monitor progress. Print materials and tutorial support are available either electronically and/or locally to supplement the web components.

The approach and structure of the Math Foundations course is modelled on the Math Readiness Course developed in 1996-1997, but the material covers more basic skill levels. Students proceed through course content that is tightly integrated with Virtual Mathematics Laboratories that enable them to manipulate math concepts and visualize the results. Quizzes help students and the instructor gauge understanding and progress continuously.

### Contact

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