



Faculty of Education

Summer Professional Learning Opportunity for K-12 Mathematics Teachers

Weekdays, 1 – 4 pm from Wed. July 3 – Wed. July 17, 2024

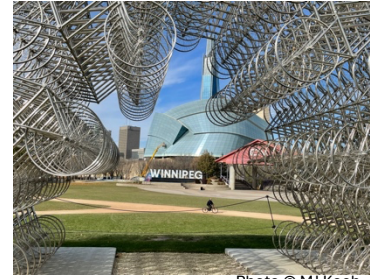


Photo © MJ Koch

The mathematics education community agrees that learning to solve problems is the principal reason for studying mathematics. In keeping with this, the Manitoba Education curriculum includes problem-solving as one of seven processes that K-12 students must engage with. But even the best of us can struggle with teaching mathematics through problem-solving.

Join us for an in-person course on **Problem-solving in K-12 Mathematics Classrooms** (EDUB 5470) where you will learn about strategies that can be used to solve a range of mathematics problems. The course will use a practical approach where you will be invited to engage with mathematics problems and use strategies that students at various grade levels can also learn and use. Together, we will explore Posamentier and Krulik's (2015) ten strategies for solving mathematics problems. You will also have a chance to share your experiences with students' cognitive and emotional struggles during problem-solving and explore ways you can address these struggles in your classroom.

How to register:

- **Already a PBDE student at UM?** It's easy. Registration for the course opens on your initial registration access day. You will be able to see your initial registration access day on your AURORA account on March 25, 2024.
- **Not a PBDE student at UM?** No problem. You can take the course even if you are not planning to complete an entire PBDE. You just need to apply for admission to the PBDE program no later than May 1, 2024. However, you are advised to apply as soon as possible as courses sometimes fill up quickly. The application fee is \$100 and the process is simple. Once you are admitted to the PBDE program, you will be able to register for the course. The cost of taking one summer PBDE course is approximately \$650. A great deal for an exceptional professional learning opportunity!
- **Already have a PBDE?** No problem. You can take the course either as part of a second PBDE or as an individual course. You just need to apply for admission to the PBDE program no later than May 1, 2024. However, you are advised to apply as soon as possible as courses sometimes fill up quickly. The application fee is \$100 and the process is simple. Once you are admitted to the PBDE program, you will be able to register for the course. The cost of taking one summer PBDE course is approximately \$650. A great deal for an exceptional professional learning opportunity!
- **Need more information about registering?** See <https://umanitoba.ca/registrar/registration/steps-registration> or email our staff at PBDE.Education@umanitoba.ca
- **Looking for more information about the course?** Send an email to Dr. Christopher Charles at Christopher.Charles@umanitoba.ca