



# Civil Engineering Technology's Technology Solutions for the Workplace

## INSTRUCTORS

### Rick Hiebert, BSc

Rick is the Program Coordinator for the Construction Management Degree Program and an instructor in the Civil Engineering Technology Department at RRC. He has worked over 30 years in both the residential and commercial industry as a draftsman, designer and project manager and is fluent in the topics related to the design and production of contract documents. His career has evolved with technology. Rick has worked with computers and their applications since 1985 when he purchased the first computer aided drafting station for the Province of Manitoba. He started teaching AutoCAD part time at RRC in 1996 and in 2005 began his full time teaching career at the College as one of the AutoCAD and Advanced CAD instructors. His experience has also taken him to the University of Manitoba in 2010, where he teaches both AutoCAD and Revit to students in the Faculty of Architecture.

### Chris Urbanski

Chris is an Architectural Technologist and faculty member of the Civil Engineering Technology Department at RRC where he currently teaches Technical Graphics, Applied Technical Graphics and Constructions Graphics. Before becoming an instructor, Chris graduated from the Building Design Diploma program at RRC and worked as an Architectural Technologist at LM Architectural Group in Winnipeg. At LM Architectural, Chris played an instrumental role in the development, implementation and enforcement of BIM strategies. He led BIM project teams, mentored project teams on BIM project start-ups and provided strategies to BIM project teams to yield the best results. Additionally, he was a cross-discipline mentor for project teams on complex BIM projects.

**Please place Course code on the Registration form where listed.**

**Cancellation policy:** Students who withdraw from a course 7 or less days before the start of a course will be charged a \$100 cancellation fee.

### Online Info:

[www.rrc.ca/techsolutions](http://www.rrc.ca/techsolutions)

**Subscribe:**  
[rrc.ca/tsnews](http://rrc.ca/tsnews)

Unless noted: All courses include parking, lunch and coffee break.

## Upcoming Courses 2017

### Intro to BIM with Autodesk Revit Level 1 – CIVL - 1015

This course will teach the concepts of building information modeling, parametric design, and construction documentation through Autodesk's Revit software. Through the use of intelligent building components and interdependent views of the building model, students will see how and why this type of software is transforming the way we produce presentation and construction documentation with the added ability to glean statistical and quantitative information from it.

A three-day hands-on step by step experience with Revit software. Build a model. Customize the components. Output presentation and working construction drawings start to finish. Problem solve and network with other likeminded professionals.

Instructor: Rick Hiebert

Date: May 16-18, 2017

Time: 8:00 am to 4:00 pm

Cost: \$680 + GST

### Intermediate Revit Level 2- CIVL 1075

This course will build upon the concepts of building information modeling learned in Level 1 and introduce topics that include the creation and modification of parametric Revit families, using details lines to enhance construction documents and model management.

A three-day hands-on step by step experience with Revit software. Build a model. Create Revit Families. Output presentation and working construction drawings start to finish. Problem solve and network with other likeminded professionals.

Instructor: Chris Urbanski

Date: May 30 to June 1, 2017

Time: 8:00 am to 4:00 pm

Cost: \$680 + GST

### Advanced Revit Level 3 -

Revit Level 3 is a three-day hands on step by step experience with Autodesk Revit software and is designed to provide training to students to enable them to apply and integrate the principles of Building Information Modeling (BIM) to all areas of project delivery. Topics will include: Coordinating Consultant's Revit Models, Phasing and Design Options and Project Collaboration. Approaches to BIM Management will also be discussed. Prior Revit experience is required.

Instructor: Chris Urbanski

Date: June 6-8, 2017

Time: 8:00 am to 4:00 pm

Cost: \$680 + GST