



# Civil Engineering Technology

## Technology Solutions for the Workplace

### Golf Course Development and Construction

#### INSTRUCTOR

##### Rob Officer

Rob has been teaching for almost 20 years as an instructor in the Greenspace Management, Landscape Technician and Civil Engineering programs at Red River College.

Rob earned his Master of Environment Degree from the University of Manitoba, and Bachelor of Environmental Studies and Bachelor of Business Administration Degrees from the University of Winnipeg. Rob also holds Diploma's in Vocational Teacher Education, Horticulture and Turfgrass Management.

Prior to coming to the college, Rob worked in the golf course management profession for 15 years with 12 of those as a Golf Course Superintendent. Rob has worked at private, semi-private and public facilities and oversaw construction of the Grand Pines Golf course at Victoria Beach Manitoba prior to coming to the college.

Rob was also the recipient of the 2016 Canadian Golf Superintendents Association John B. Steel Distinguished Service award for his long time contributions to the betterment of the Golf Course Superintendent profession.

#### INQUIRIES:

##### Course:

**Tammy Harper**  
204-632-2942  
[tvharper@rrc.ca](mailto:tvharper@rrc.ca)

##### Registration:

**Louise Wood**  
204-632-3017  
[lowood@rrc.ca](mailto:lowood@rrc.ca)

##### Online Info:

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

##### Subscribe

To our Monthly Newsletter of upcoming courses

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

#### Course description:

This course will introduce many factors related to the history, site analysis, design, layout, and construction of golf courses.

Among the many issues to consider are site conditions, budgetary constraints, rules of play, and environmental regulations.

Furthermore, students will study the various construction techniques associated with numerous components that make up a golf course including greens, tees, and fairways, bunkers and water features.

The course will be offered in a blended learning format requiring the student, depending on the week, to be in class anywhere from 1-4 hours of the scheduled 4 hours per week for a total of 96 hours.

#### Prior Learning:

Submit proof of successful completion of or enrolment in Grade 12, including one credit in each of the following:

- Grade 12 English
- Grade 12 Math
- A strong background in Science courses is recommended
- Access to a computer and internet. The recommended knowledge/field experience will contribute to your success in the courses.
- A minimum of one season of turfgrass maintenance experience including; mowing, fertilization, cultivation and irrigation.

#### Benefits:

- Courses will be offered in a flexible, blended learning format.
- Provides an opportunity to enroll for one course.
- Provides an opportunity for those working in turfgrass maintenance to formalize their learning.

#### Who should attend?

Individuals currently working in turfgrass maintenance positions with landscape companies, golf courses, parks and the like.

#### Required Textbook:

Beard, James B.,(2002). *Turf Management for Golf Courses*, 2<sup>nd</sup> Edition, Ann Arbor Press, ISBN # 1-57504-092-1.

#### Course Dates and Costs:

Dates: October 24, 2016- April 28, 2017  
Times: 4 hours per week  
Cost: \$500 + applicable Taxes (**Estimate only, subject to change**)  
Location: Red River College, Notre Dame Campus