



# Civil Engineering Technology

## Technology Solutions for the Workplace

### Turfgrass Maintenance I

#### 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)

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#### Course description:

The student will be introduced to the various turfgrasses and their management. The basic knowledge of cool season grasses, their growth, culture, identification, adaptation and use in the industry will be covered. An overview of warm season grasses will be given.

The atmospheric factors which influence turf grass growth and development will be the focus of this course.

Students will study the influence of light, temperature, water, air, and traffic on turf grass management, and how maintenance practices can in turn have an impact those factors.

Students will accomplish the learning outcomes through on-line learning, lecture, discussions, labs, field trips, guest speakers and the development of a maintenance program.

The course will be offered in a blended learning format requiring the student, depending on the week, to be in class anywhere from 1-5 hours of the scheduled 7 hours per week for a total of 168 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>n</sup> Edition, Ann Arbor Press, ISBN # 1-57504-092-1.

#### Course Dates and Costs:

Dates: October 24, 2016- April 28, 2017

Times: 7 hours per week

Cost: \$500 + applicable Taxes (**Estimate only, subject to change**)

Location: Red River College, Notre Dame Campus