

## Program Information

Irrigation & Grounds Management is a 16-credit certificate at Anoka Technical College. This certificate will help an individual learn the importance of maintaining the grounds of a golf course, parks, and recreation facilities. Students will also learn about frequency of irrigation for the different types of grass, soil properties, and the climate conditions, while also learning about installation and repair of irrigation systems.

## Program Learning Outcomes

- Become familiar with irrigation parts for both lawn and large turf operations
- Construct an irrigation plan for a home lawn and a golf course
- Learn about proper nutrients for a wide variety of turf species
- Maintain high-quality turf through proper cultural practices
- Demonstrate proper fertilization and pesticide application for high-quality turf
- Develop a proper integrated pest management (IPM) program to ensure the protection of the environment and wildlife
- Manage staff and clients

## Course Prerequisites

None.

## Graduation Requirements

All Anoka Technical College students seeking an Associate in Applied Science (AAS), diploma, or certificate must meet the cumulative grade point average (GPA) of 2.0 or higher.

## Transfer Opportunities

The Golf Course Grounds Management program has articulated partnerships with two four-year institutions:

- The University of Minnesota-Crookston campus for a Bachelor of Science (BS) degree in Golf Facilities and Turf Systems Management
- Suny Cobleskill in New York for a Bachelor of Technology degree in Golf Turf Management

To see how credits from this program may transfer into other Anoka Technical College programs or into a program at another college, visit:

- [Minnesota Transfer](#)
- [Anoka Technical College Transfer Student](#)

## Industry Information

The certificate in Irrigation and Grounds Management will give graduates the ability to gain employment with an irrigation company, grounds management team or as an irrigation tech on a golf course. Graduates will be able to work on irrigation as well as have knowledge of proper nutrients and mowing practices for golf courses and other recreational grounds.

## Transfer Opportunities

Wage information is available from the [Minnesota Department of Employment and Economic Development](#).

## Start Dates

Fall Semester.....August  
Spring Semester ..... January

## Program Sequence

<b>First Semester</b> .....	<b>16</b>
<input type="checkbox"/> TURF 1050 Woody Plant Materials I .....	3
<input type="checkbox"/> TURF 1211 Turfgrass and Grounds Management.....	4
<input type="checkbox"/> TURF 1230 Landscape Construction for Golf Course .....	3
<input type="checkbox"/> TURF 1300 Irrigation Installation & Design.....	3
<input type="checkbox"/> TURF 1310 Landscape Construction.....	3

## Faculty Contact

[Marlin Murphy](#)..... 763-576-4168  
[Travis Gienger](#)..... 763-576-4199

For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or [EnrollmentServices@anokatech.edu](mailto:EnrollmentServices@anokatech.edu)

*Also see: Turf and Golf Course Management AAS and Turf Management diploma*