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

Program Sequence

First Semester  ........................................................................ 16
- TURF 1050  Woody Plant Materials I .................................................. 3
- TURF 1211  Turfgrass and Grounds Management .......................... 4
- TURF 1230  Landscape Construction for Golf Course ................... 3
- TURF 1300  Irrigation Installation & Design ................................. 3
- 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

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