

# Grounds Maintenance Technician

Certificate

Technical Requirements .....28  
 Total Credits .....28

## Program Information

The Anoka Technical College Grounds Maintenance Technician certificate is a 28-credit program that prepares individuals for employment in the golf course and grounds management industries as golf course superintendents/assistant superintendents, grounds supervisors/assistant supervisors, and turf technicians. These individuals manage the landscape and turf environment for golf courses, parks, commercial and residential sites, athletic complexes, and municipalities. This program includes coursework in plant and soil science, turfgrass science and management, water management, golf course grounds site construction, turf power equipment and golf course grounds site maintenance.

## Program Learning Outcomes

By completing this program, students will achieve the following learning outcomes.

1. Collaborate effectively with others in situations requiring teamwork, leadership, and negotiations.
2. Integrate sustainable golf course grounds management cultural practices with conventional cultural practices.
3. Apply technical knowledge and skills to golf course situations.
4. Anticipate biological issues within field-related situations and conditions

## 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](http://www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search): (www.mntransfer.org/students/plan/s\_agreements.php?numResults=25&archive=false&from\_inst=70&from\_prog=&to\_inst=&Search=Search)
- [Anoka Technical College transfer student](http://www.anokatech.edu/BecomeStudent/Transfers.aspx): (www.anokatech.edu/BecomeStudent/Transfers.aspx)

## Industry Information

The Golf Course Grounds Management program develops skills in turfgrass care, crew supervision and management, and fertilizer and pesticide application. Program graduates may find employment in a variety of settings, including golf courses, athletic facilities and industrial grounds maintenance.

## Wages/Outlook/Advancement

Wage information is available from the [Minnesota Department of Employment and Economic Development](https://mn.gov/deed/job-seekers/job-outlook/) (https://mn.gov/deed/job-seekers/job-outlook/).

## Gainful Employment

Follow this link for a [Gainful Employment Report](#).

## Technical Education: 28 Credits

- HORT 1045 Plant Pests II ..... 4
- TURF 1030 Plant Pests I..... 3
- TURF 1050 Woody Plant Materials I ..... 3
- TURF 1210 Turfgrass and Grounds Management..... 3
- TURF 1220 Introduction to Turfgrass Species ..... 3
- TURF 1270 Supervised Occupational Experience I..... 6

### Technical Electives .....6 Credits

*Six (6) credits of electives are required from the following list:*

- TURF 1060 Woody Plant Materials II..... 3
- TURF 1230 Landscape Construction for Golf Course ..... 3
- TURF 1241 Turfgrass Diseases ..... 3
- TURF 1250 Golf Course Construction and Design..... 3
- TURF 1280 Golf Course Planning and Operations ..... 3
- TURF 1515 Supervised Occupational Experience II..... 3

*Also see: Golf Course Grounds Management AAS or Grounds Maintenance Technician diploma*

## Start Dates

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

## Faculty Contact

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

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)

## Sample Program Sequence

Full Time

	Fall Semester	Spring Semester
<b>1<sup>st</sup> YEAR</b>	TURF 1030 ..... 3	TURF 1045 ..... 4
	TURF 1050 ..... 3	TURF 1220 ..... 3
	TURF 1210 ..... 3	TURF 1270 ..... 6
	Technical Electives..... 3	Technical Electives..... 3
	<b>TOTAL ..... 12</b>	<b>TOTAL ..... 16</b>

