

# Turfgrass Management

**T**urfgrass management involves the science and business related to turfgrasses in commercial, residential, and recreational settings.

Turfgrass managers must know the basic science of turfgrass as well as entomology, plant pathology, and weed science. Turf managers are responsible for developing business plans, budgeting, and supervising staff.

Students may choose to participate in practicum, a supervised work experience at Hawk's Nest, our campus-owned golf course or on campus, to improve skills and apply classroom learning. Practicum work experiences for turfgrass students may include equipment operation, irrigations, construction, and maintenance.

ATI offers an Associate of Applied Science degree in turfgrass management and a Certificate of Competency in sports/commercial turf equipment.

## Internships

Students in the turfgrass management program must successfully complete a 14-week internship of full-time employment at an approved turfgrass management facility. Ohio State ATI works with students to find appropriate internship opportunities in both Ohio and other states.

## Career Prospects

Employment opportunities exist with golf courses and country clubs, parks, lawn care firms, and sod farms. Some of Ohio State ATI graduates are currently employed at:

- Firestone Country Club (Ohio)
- Muirfield Village Golf Club (Ohio)
- The Broadmoor Resort (Colorado)
- Pebble Beach (California)
- The Bear's Club (Florida)

## Facilities

- ATI's 18-hole championship golf course, Hawk's Nest
- Campus grounds including sports fields, turfgrass plots, and a model golf hole
- Nearby Secrest Arboretum which contains more than 2,000 plant specimens

## Sample Courses

**Turf Equipment, Facility and Mechanical Systems  
Operation and Management**

**Fundamentals of Turfgrass Science and  
Management**

**Golf Course and Sports Turf Irrigation and  
Drainage**

**Sports Turf Operations Organization and  
Management**

**Golf Course Organization and Management**

**Principles of Weed Science**

**Plant Diseases of Ornamentals and Turf**

## Related Programs

Ohio State ATI also offers an Associate of Science in horticultural science. This option allows students to begin their coursework at ATI and complete a portion of the requirements for a Bachelor of Science at The Ohio State University College of Food, Agricultural, and Environmental Sciences.

**ATI's 18-hole golf course, Hawk's Nest at Ohio State ATI, is rated 4 ½ stars in Golf Digest's *Best Places to Play*, ranking it as one of the top public courses in Ohio.**

