



Department of Teaching & Learning
Parent/Student Course Information

Turf Management
(VO8051)
Three Credits, One Year
Grades 11 or 12

Counselors are available to assist parents and students with course selections and career planning. Parents may arrange to meet with the counselor by calling the school's guidance department.

COURSE DESCRIPTION

Turf Management is a three-credit course designed to teach the duties and tasks of professionals who develop, establish, and maintain lawns in public areas such as golf courses, parks, athletic fields, school campuses and residential sites. Course objectives include the physiology and taxonomy of major turf grass species, designing turf grass areas and the safe use and maintenance of turf related equipment.

CERTIFICATION

Virginia Registered Pesticide Technician Certification Virginia Crew Chief Certification

STUDENT ORGANIZATION

SkillsUSA is a co-curricular organization for all students enrolled in trade and industrial education programs. SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps students excel by providing educational programs, events and competitions that support career and technical education (CTE) in the nation's classrooms. Students are highly encouraged to participate.

PREREQUISITE

None

OPTIONS FOR NEXT COURSE

Landscape Design and Management

REQUIRED STUDENT TEXTBOOK

None

COMPETENCIES FOR TURF MANAGEMENT

Demonstrating Workplace Readiness Skills: Personal Qualities and People Skills

- 1 Demonstrate positive work ethic.
- 2 Demonstrate integrity.
- 3 Demonstrate teamwork skills.
- 4 Demonstrate self-representation skills.
- 5 Demonstrate diversity awareness.
- 6 Demonstrate conflict-resolution skills.
- 7 Demonstrate creativity and resourcefulness.

Demonstrating Workplace Readiness Skills: Professional Knowledge and Skills

- 8 Demonstrate effective speaking and listening skills.
- 9 Demonstrate effective reading and writing skills.
- 10 Demonstrate critical-thinking and problem-solving skills.
- 11 Demonstrate healthy behaviors and safety skills.
- 12 Demonstrate an understanding of workplace organizations, systems and climates.
- 13 Demonstrate lifelong-learning skills.
- 14 Demonstrate job-acquisition and advancement skills.
- 15 Demonstrate time-, task- and resource-management skills.
- 16 Demonstrate job-specific mathematics skills.
- 17 Demonstrate customer-service skills.

Demonstrating Workplace Readiness Skills: Technology Knowledge and Skills

- 18 Demonstrate proficiency with technologies common to a specific occupation.
- 19 Demonstrate information technology skills.
- 20 Demonstrate an understanding of Internet use and security issues.
- 21 Demonstrate telecommunications skills.

Examining All Aspects of an Industry

- 22 Examine aspects of planning within an industry/organization.
- 23 Examine aspects of management within an industry/organization.
- 24 Examine aspects of financial responsibility within an industry/organization.
- 25 Examine technical and production skills required of workers within an industry/organization.
- 26 Examine principles of technology that underlie an industry/organization.
- 27 Examine labor issues related to an industry/organization.
- 28 Examine community issues related to an industry/organization.
- 29 Examine health, safety and environmental issues related to an industry/organization.

Addressing Elements of Student Life

- 30 Identify the purposes and goals of the student organization.
- 31 Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult.
- 32 Demonstrate leadership skills through participation in student organization activities, such as meetings, programs and projects.
- 33 Identify Internet safety issues and procedures for complying with acceptable use standards.

Developing Leadership Skills

- 34 Identify benefits and responsibilities of FFA membership.
- 35 Identify types and benefits of participation in Supervised Agricultural Experiences (SAE).
- 36 Apply for an FFA award or degree based on an SAE.

Gaining an Overview of the Turf Grass Industry

- 37 Identify components of the program and course.
- 38 Follow safety procedures for personal protection.
- 39 Examine careers in the turf grass industry.
- 40 Describe the positive aspects of turf areas.

Applying Science to Turf Maintenance

- 41 Describe turf physiology and taxonomy of major turf grass species.
- 42 Identify the role played by soil in turf growth.
- 43 Distinguish among turf types.
- 44 Identify factors that determine turf grass selection.
- 45 Identify factors that influence turf grass seed selection.
- 46 Identify practices for turf establishment.
- 47 Identify synthetic turf surfaces.
- 48 Explain why correct mowing practices are important to the quality of turf.
- 49 Identify the impact of turf grasses on the environment.
- 50 Apply nutrient management practices.
- 51 Explain water requirements and irrigation.
- 52 Identify basic pest management practices.
- 53 Identify alternative management practices for turf areas.

Operating and Maintaining Equipment

- 54 Identify tools and equipment used in turf grass industry.
- 55 Select tools and equipment.
- 56 Identify safety concerns in the turf grass industry.
- 57 Apply pre-operational procedures.
- 58 Demonstrate safe use of turf grass equipment.
- 59 Service and care for turf grass equipment such as rotary mower, reel mower, sod cutter, tractor, string trimmer and blower.

Laying Out and Designing Turf Grass Areas

- 60 Incorporate layout and design principles for selected turf grass areas.

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For further information please call (757) 263-1070.

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CHARTING THE COURSE

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