Instructor:
Times:
Classroom:
Office/Office Hours:
Phone:
Email:

Course Description:
A detailed study of turfgrass. Topics include seeding, reproduction, growth and development, species characteristics, fertilization, irrigation practices, pest and disease control, maintenance of golf courses, and recreational lawns. Students learn how to establish and maintain a high quality turfgrass area.

Credits: 3

Course Outcomes:
Upon completion of this course, students will be able to:

- Assess the various aspects of turf quality.
- Discuss morphological characteristics of turf grass plants.
- Use criteria for turf grass selection.
- Identify important cool and warm season turf species and give their plant description, adaptation, use culture, and major cultivars.
- Develop a pest management program for turf grass.
- Propagate turf grass species.

Required Text:
*Please see bookstore link for textbook information.*

Grading, Examinations and Papers:

Grading Policy:
Grading Scale:

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**Attendance/Withdrawal Policy:**
Absences in excess of the total number of class hours in one week may result in a drop in a letter grade.

Failure to attend class will result in a final course grade of “FA” or “FN”
- FA – Failure – attendance related (last date of attendance required)
- FN – Failure – never attended class

It is the student’s responsibility to check D2L and MyNSCC email on a regular basis. These are the official communication channels between the college and students. Students are responsible for the information communicated through those channels. D2L contains specific course information and MyNSCC contains information important for other purposes.

Nashville State Community College has implemented an Early Warning System to notify students via e-mail about academic problems such as poor classroom attendance, poor performance on assignments/tests, poor communication skills, late/missing assignments, and/or lack of classroom participation. *Please note that Early Warning Alerts do not affect a student’s academic standing.*

**Course Competencies:**
Turf quality
- Visual quality
- Density
- Texture
- Uniformity
- Color
- Growth habit
- Smoothness
- Functional quality
- Rigidity
- Elasticity
- Yield
- Verdue
- Rooting recuperative capacity

Morphology of turfgrass plants
- Stems
- Leaves
- Tillering
- Roots
- Inflorescence
- Crown
Selection criteria
- Establishment vigor
- Leaf texture
- Shoot density
- Cold tolerance
- Heat tolerance
- Drought tolerance
- Shade tolerance
- Soil activity tolerance
- Submersion tolerance
- Mowing height adaptation
- Fertility requirement range
- Disease potential
- Thatching tendency
- Wear resistance
- Recuperative capacity

Cool season species with ID characteristics, plant description, adaptation, use, culture, and major cultivars.
- Kentucky bluegrass
- Tall fescue
- Creeping bentgrass
- Perennial ryegrass
- Annual ryegrass
- Colonial bentgrass
- Fine fescues

Warm season species with ID characteristics, use, culture, plant description, adaptation, use, culture, and major cultivars.
- Bermudagrass
- Zoysiagrass
- St. Augustinegrass
- Bahia grass
- Centipedegrass
- Buffalo grass
- Carpetgrass

Turfgrass environment
- Atmosphere
- Light
- Temperature
- Moisture
- Wind
- Edaphic
- Soil texture
- Soil structure
- Soil density
- Soil moisture
- Soil aeration
- Soil temperature
- Cation exchange
- Soil reaction
- Biotic environment
- Wear
- Compaction

Primary cultural practices
- Mowing
- Equipment
- Height
- Frequency
- Patterns
- Clippings
- Fertilization
- Nutrient requirements
- Fertilizer materials
- Application
- Irrigation
- Frequency
- Timing
- Rate
- intensity
- syringing
- water quality
- irrigation systems

Secondary cultural practices
- Cultivation
- Coring
- Slicing and spiking
- Vertical mowing
- Rolling
- Topdressing
- Matting

Pest Management
- Pesticides
- Formulations
- Hazards
- Application
- Weed control
- Weed ID
- Herbicides
- Diseases
- Fungicides, bactercides
- Application
- Nematodes
- Insect management
- Insect ID
- Insecticides
- Animal pests

Propagation
- Site preparation
- Seeding
- Vegetative planting
- Turf renovation

Accommodations:
Nashville State complies with the Americans with Disabilities Act. Consult with the office of Student Disability Services. If you need any accommodation(s) for this class, notify the instructor by the second class meeting.

Classroom Misconduct and Procedures:
Nashville State Community College has a zero tolerance policy for disruptive conduct in the classroom. Students whose behavior disrupts the classroom will be subject to disciplinary sanctions. The instructor has primary responsibility for control over classroom behavior and maintenance of academic integrity. He/she can order temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct which violates the general rules and regulations of the College. Disruptive behavior in the classroom may be defined as, but is not limited to, behavior that obstructs or disrupts the learning environment (e.g., offensive language, harassment of students and professors, repeated outbursts from a student which disrupt the flow of instruction or prevents concentration on the subject taught, failure to cooperate in maintaining classroom decorum, etc.), the continued use of any electronic or other noise or light emitting device which disturbs others (e.g., disturbing noises from beepers, cell phones, palm pilots, lap-top computers, games, etc.). Each student should refer to the current Nashville State Student Handbook for guidelines for student conduct.

Academic Dishonesty:
Any form of academic dishonesty, cheating, plagiarizing, or other academic misconduct is prohibited. “Plagiarism may result from: (1) failing to cite quotations and borrowed ideas, (2) failing to enclose borrowed language in quotation marks, and (3) failing to put summaries and paraphrases in your works” (A Writer’s Reference, 331). Academic dishonesty may be defined as, but is not limited to, intentionally trying to deceive by claiming credit for the work of another person, using information from a web page or source without citing the reference, fraudulently using someone else’s work on an exam, paper, or assignment, recycling your own work from another course, purchasing papers or materials from another source and presenting them as your own, attempting to obtain exams/materials/assignments in advance of the date of administration by the instructor, impersonating someone else in a testing situation, providing confidential test information to someone else, submitting the same assignment in two different classes without requesting both instructors’ permission, allowing someone else to copy or use your work, using someone else’s work to complete your own, altering documents, transcripts or grades, and forging a faculty/staff member’s signature.

In addition to other possible disciplinary sanctions that may be imposed through regular college procedures as a result of academic dishonesty, the instructor has the authority to assign an “F” or a “Zero” for the exercise, paper or examination, or to assign an “F” for the course.

If a student believes that he/she has been erroneously accused of academic dishonesty and if his/her final grade has been lowered as a result, the student may appeal the case through the appropriate college grade appeal procedures.

NOTE:
This syllabus is a master syllabus. Specific course requirements are subject to revision at the discretion of the individual instructor. A course syllabus will be provided the first day of class.