Course Syllabus
TUR 101
Concepts of Turf Management
1 Semester Hour

Fall 2016

Faculty: Harlyn Goldman, CGCS
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E-mail: hgoldman@worwic.edu
Office Hours: By appointment
Class Time: Lecture: Tuesdays 6:30 – 9:00, Starts 9/13/16- FOH309

Course Description:
This course provides students with an introduction to identification, cultivation, and maintenance of turf grasses. The student will also study the varieties of minimum insect and disease problems, renovation procedures, and pest control methods. Three lecture hours per week for five weeks. Usually offered in the fall.

COURSE OBJECTIVES, ASSESSMENT GOALS AND ASSESSMENT STRATEGIES

1. Complete a turfgrass management questionnaire to establish background in soil analysis, structure, texture drainage, CEC and organic matter
   Assessment Strategy: Exam questions, quizzes and homework. *
2. Provide for nutrient management in turfgrass applications
   -List types of fertilizer and explain the use and application of each
   -Explain proper application techniques for fertilizer
   -Identify turfgrass species and explain their requirements and care
   Assessment Strategy: Exam questions, quizzes and homework. *
3. Detail and explain problems that can threaten healthy turfgrass
   -Identify basic weeds
   -Identify diseases which must be controlled
   -Demonstrate techniques to measure pest or disease damage
   Assessment Strategy: Exam questions, quizzes and homework. *
4. Propose Integrated Pest Management techniques to control pests and diseases
   -Explain and detail how to reduce disease or pest injury by application of pesticides
   -Explain and detail how to reduce disease or pest injury by safe application of fungicides
   -Enumerate how to reduce disease or pest injury by safe application of herbicides
   -Review labels related to the control of pests and disease
Assessment Strategy: Exam questions, quizzes and homework. *

5. Provide for all pest management options including BMP, organic techniques, and IPM programs
   - Develop a sodding and seeding plan for a hypothetical installation
   - Provide for care of newly seeded and sodded areas
   - Interpret seed labels, rates and techniques

Assessment Strategy: Exam questions, quizzes and homework. *

6. Write a lawn maintenance program for customers which allows the turf manager to respond
   with an effective strategy
   - Write specifications to order, trimming equipment, walk behind mowers and ride on mowers
   - Explain BMP programs
   - Explain IPM programs

Assessment Strategy: Exam questions, quizzes and homework. *

*Note: Assessment Strategy: There is a required Graded internet/media/database assignment

**Satisfies GEO 1, 3,4,6,7

Course Requirements:

Grading/Exams:

Grading will be determined on the basis of tests, assignments, homework, quizzes,
Electronic Library project, laboratory assignments, final exam. This course will include a
comprehensive final exam. Final grade will be weighted as follows:

- Class preparation and participation 15%
- Landscape Proposal 10%
- Exams 20%
- Assignments/Warmups 15%
- Competency and vocabulary development 10%
- Electronic library/database assignment 15%
- Final Exam 15%

Note: Each class will include the lecture and some exercise to practice and for the instructor to
coach you. There are ongoing assignments due to make use of the scheduled time each week. 
Each student is expected to stay and work for the entire time for which the class is scheduled..

Conversion of numeric average to Final (Letter) Grade:

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<tr>
<th>Numeric Average</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90 - 100</td>
<td>A</td>
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<td>80 - 89</td>
<td>B</td>
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<td>70 - 79</td>
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<tr>
<td>60 - 69</td>
<td>D</td>
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<tr>
<td>0 - 59</td>
<td>F</td>
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Attendance Policy

Absence / Lateness - NOT ALLOWED

ARRANGE TO GET NOTES FROM ANOTHER STUDENT.

School is like a job. It is a commitment and absence or lateness will not be tolerated as it would
not be tolerated in the workplace. If you miss or are late for classes you miss important material
and you will fall behind. It is YOUR RESPONSIBILITY to make up any missed class work.
ELECTRONIC WRITING ASSIGNMENT/Projects

electronic paper is due. It is due October 13, 2015 It cannot exceed 3 pages. You may not use Wikipedia as a source. No charts are allowed. It should deal with your career goal. Research how much income can be made in landscaping, turf management, golf course management or a related job title. What are salary ranges in various cities for this job field? What are career stages, i.e. lower and higher job titles? What is the chance for advancement in the field? What are some related job titles? What education is required or are there other entrance requirements? Use several sources, at least 3. Cite your source (Cite the sources in a way that allows the instructor to check your facts). Give the citations exactly so the teacher can type in the URL to check the facts and determine that you did not copy exactly from another person’s written words verbatim.

You may turn you paper in early if you wish.

Due: Turn in topic by October 4. Turn in paper by October 11, 2016. Papers turned in late will not be accepted.

This paper must be maximum 3 pages plus a cover page and a bibliography. It should include a main point statement, the report and a summary. You must include a minimum of 3 references; at least two of those references must be from the Internet. You may not include your text as a reference. Paper must be typed in 12 point type and double spaced.

Best practice to get the highest grade on your paper
Did you state a goal and tie your paper to this course in some way. 15%.

Did you specify your future direction in life, is there a way to draw a mental pattern of it as a guide? If your goal is money have you stated how much? If your goal is success have you specified it definitely 15%

Twelve point type double spaced, spelling, cover page and length. 10%
Intro paragraph-main idea 15%
Body-length and content 25%

Demonstrate your ability to think beyond the limits of this course by writing information that ties this course to your whole degree program. 20%

Late Assignment Policy
All homework, laboratories and reading assignments must be submitted on time. NO CREDIT FOR LATE WORK. If you do not read your text at home, labs and practice, you will not be able to keep up with the class. I cannot slow down to pick up students who are not committed to making every class and doing all of the homework, labs and reading as assigned. I cannot
check that you have done your reading but it will show up in your work and your ability to keep up with the class.

**Quizzes and Tests**  
If you miss a test, it will be the instructor’s decision to determine if it should be made up. If you miss a quiz/warmup you will receive ZERO (0) points for that quiz, no makeup quizzes will be given. **All Quizzes and Tests will be based on the Text, Lecture Material, Lab exercises and handouts.**

**Tentative Schedule***

<table>
<thead>
<tr>
<th>Week</th>
<th>Section</th>
<th>All assignments, quizzes, and labs for week due no later than:</th>
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<tbody>
<tr>
<td>1</td>
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<td>9/20/16</td>
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<td>2</td>
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<td>9/27/16</td>
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<td>3</td>
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<td>10/18/16</td>
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<tr>
<td>6</td>
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<td>10/21/16 (Final Exam)</td>
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*Subject to change

SECTION 1: Soils and soil chemistry.

SECTION 2: Plant nutrition and fertilizers.

SECTION 3: Fertilizers, herbicides, fungicides.

SECTION 4: Fungicides, Insecticides, other plant protectants.

SECTION 5: Seed, lawn establishment, sod, sprigs, planting.

SECTION 6: Writing a lawn care program, IPM, BMP, MD Regulations.

**Blackboard Disclaimer:**  
Blackboard is being used as the primary tool for this course. To access course content in Blackboard you need to have access to a computer with an Internet connection. Computers are available on campus in FOH 217, HH 100, GH 304 and FOH 305. Please follow these directions to access course syllabi and any other materials posted.

1. From the Wor-Wic home page, point to “Quick Links” (top –right) and then click “Blackboard Login.”
2. Enter your Wor-Wic user ID and password (same as your Wor-Wic email user ID and password).

**Academic Honesty Policy:**  
Students are required to maintain a high level of academic performance. All work submitted to the instructor will be regarded as the work of the student taking the course. Cheating and plagiarism are defined in Wor-Wic’s Student Conduct Policy found in the College Catalog.
Infractions of this policy will result in disciplinary action including failure of the assignment, test, or the course.

**Emergency Information Statement**
In the event of severe inclement weather or other emergency, information about the closing of the college will be communicated via e2Campus and the College's website. Faculty will communicate with students about their courses and course requirements, such as assignments, quiz and exam dates, and class and grading policies, via Blackboard. Students will be responsible for completing all assignments in accordance with class policies.

**Services for Students with Disabilities**
Wor-Wic provides reasonable accommodations for students with disabilities, in compliance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. If you are in need of accommodations, please contact the counseling office at (410) 334-2899. For more information, see Wor-Wic's Services for Students with Disabilities web page.

* Satisfies GEO 6