Course Syllabus
TUR 130
Landscape Construction and Management
3 Semester Hours

Spring 2016

Faculty: Harlyn Goldman, CGCS
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E-mail: hgoldman@worwic.edu
Office Hours: by arrangement
Class Time: Lecture: Thursdays 6:30 p.m.-9:45 p.m. BH206

Course Description:
This course will provide students with the skills in site preparation and modification for landscape planting and evaluating the soils of planting sites. The student will also study fertility practices, drainage problems, use and limitations of soil amendments, methods of selecting healthy plant material, and chemical and nonchemical methods of weed control. Three lecture hours per week. Usually offered in the spring.

Textbook:

COURSE OBJECTIVES, ASSESSMENT GOALS AND ASSESSMENT STRATEGIES

1. List and explain the steps for the landscape construction process
   a. State and define legal issues of concern for the landscape professional
   b. Enumerate principles to perform basic quote
   c. Demonstrate landscape math needed to stake out landscape construction sites to layout shapes including squares, arcs, triangles arcs and circles.
   Assessment Strategy: Exam questions, quizzes and homework. *

2. Interpret landscape construction documents select construction materials for construction installation of landscape elements.
   a. Choose construction materials for wood and masonry structures
   b. Choose construction materials for patios or walks using pavers or stone
   c. Choose construction materials to construct sections of fence (or a free standing retaining wall suitable to site analysis and slope
   d. Choose and plan installation of plant materials
   e. Choose and evaluate materials for exterior carpentry
   Assessment Strategy: Exam questions, quizzes and homework. *
3. Use drafting skills to document and detail a Landscape site and layout plan including preliminary landscape drawings and plans for a wood landscape structure.
   a. Draw and interpret construction details for landscape construction
   b. Prepare bill(s) of materials and estimates for costs of construction
   c. Use drafting skills to locate bedlines, hardscape items, plants, and title block; Include scale
   Assessment Strategy: Exam questions, quizzes and homework. *

4. Evaluate a landscape site to develop a site analysis plan and estimate landscape installation costs.
   a. Develop preliminary landscape drawings that include the Principals of Design and the Elements of Design as presented in class
   b. Develop a materials take off and proposal for installation including a price sheet for all items in #2 above (fence, retaining wall, patio, walk and wood/masonry structure)
   Assessment Strategy: Exam questions, quizzes and homework. *

5. Enumerate techniques for installing site amenities of landscape construction.
   Assessment Strategy: Exam questions, quizzes and homework. *
   a. Enumerate techniques for erosion control
   b. Enumerate techniques for irrigation system installation
   c. Enumerate techniques for retaining wall installation
   d. Enumerate techniques for stairs

6. List and explain point by point steps for elements of landscape construction
   a. Enumerate steps for installing pavers
   b. Enumerate steps for installing decks
   c. Enumerate steps for installing roof systems
   d. Enumerate steps for installing fencing

This course meets General Education Objectives 5 and
*Note: Assessment Strategy There is a required Graded internet/media\database assignment

Course Requirements:
Grading/Exams:
Grading will be determined on the basis of tests, drawing assignments, homework assignments, quizzes, Electronic Library project, laboratory assignments, CAD project and final exam. This course will include a comprehensive final exam. Final grade will be weight as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Class preparation and participation</td>
<td>10%</td>
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<tr>
<td>Estimate a landscape project</td>
<td>10%</td>
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<tr>
<td>Landscape Proposal Estimate</td>
<td>10%</td>
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<tr>
<td>Drawing for landscape Proposal</td>
<td>10%</td>
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<tr>
<td>Drawing for a wood landscape structure</td>
<td>10%</td>
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<tr>
<td>Exams</td>
<td>10%</td>
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<tr>
<td>Quizzes /Warm-ups</td>
<td>10%</td>
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<tr>
<td>25 Vocabulary words</td>
<td>10%</td>
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<tr>
<td>Electronic library/database assignment</td>
<td>10%</td>
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<tr>
<td>Final Exam</td>
<td>10%</td>
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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:

- 90 - 100 = A
- 80 - 89 = B
- 70 - 79 = C
- 60 - 69 = D
- 0 - 59 = F

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. You will lose points in succeeding weeks if no effort is made to find out work missed.

ELECTRONIC WRITING ASSIGNMENT/Projects

An electronic paper is due. It is due March 26. It cannot exceed 3 pages. You may not use Wikipedia as a source. No charts are allowed. It should deal with professionalism in the field of landscape construction. What is the chance for advancement in the field? What are some various related job titles? What education is required or are there other professional 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 your paper in early if you wish.

Due: Turn in topic by February 25. Turn in paper March 24. 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. It is YOUR RESPONSIBILITY to make up any missed class work. You will lose points in succeeding weeks if no effort is made to find out work missed.

**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>
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<td>1/28/2016</td>
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<tr>
<td>2</td>
<td>2</td>
<td>2/4/2016</td>
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<tr>
<td>3</td>
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<td>4</td>
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<td>4</td>
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<td>10</td>
<td>4</td>
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<tr>
<td>11</td>
<td>9</td>
<td>4/01/2016</td>
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<td>12</td>
<td>9</td>
<td>4/08/2016</td>
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<tr>
<td>13</td>
<td>10</td>
<td>4/14/2016</td>
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</tbody>
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*Subject to change


SECTION 4: SITE UTILITIES. 14. DC Site Lighting and Related Electrical Work. 15. Water and Irrigation System Installation.


SECTION 8: FENCES AND FREESTANDING WALLS. 32. Fencing. 33. Freestanding Walls.


SECTION 10: PLANTING. 37. Plant Material Installation. 38. Establishment of Turf and Meadows

**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.

Login Information:
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