LAND 4911  Golf Course Design
The University of Georgia  Class Syllabus

INSTRUCTOR AND CONTACT:

Donnie Longnecker, Lecturer
20A Denmark Hall  (706) 542-4702  longneck@uga.edu
Office Hours: Open Door Policy (appointment preferred)

CLASS SCHEDULE:
Monday and Friday: (8:00 – 11 AM) Caldwell Hall 6th Floor Studio
Wednesday: (8:00 – 9:55 AM) Caldwell Hall 6th Floor Studio

COURSE DESCRIPTION:
This course will introduce the student to the practice of golf course architecture. Students will learn to plan, design and prepare construction documents for an eighteen-hole golf facility in a manner that minimizes the negative environmental impacts of storm water runoff, excessive clearing and grading, and water usage. Special emphasis will also be given to making the design fair and challenging for all levels of players.

Objectives
Students satisfactorily completing this course will be able to demonstrate through the production of digital models and graphic materials the following:

Knowledge
- An understanding of the history and evolution of golf course architecture.
- An understanding of how the design of a golf hole affects its playability for different levels of golfer.
- An understanding of the issues of sustainability and how they relate to the design of a golf course.
- An understanding of how landforms are manipulated to achieve different styles of golf courses.
- An understanding of how to route a golf course through a given piece of property.

Skills
- Demonstrate the ability to manipulate landforms to achieve different design objectives.
- Demonstrate the ability prepare models and graphic plans that illustrate the desired design objectives.
LAND 4911 Golf Course Design
The University of Georgia Class Syllabus

- Demonstrate the ability to design in graphic detail the drawings necessary to construct a golf course.
- Demonstrate the ability to prepare an illustrative master plan of a golf course.
- Demonstrate the ability to prepare a basic cost estimate for a golf hole.
- Demonstrate the ability to apply the principles of sustainability as they relate to the practice of golf course architecture.
- Demonstrate the ability to represent the design of a golf hole in an illustrative three-dimensional format.

Values
- Gain an appreciation of the principles of golf course architecture as demonstrated by historically significant courses and golf course architects.
- Gain an appreciation of how golf course architects can best achieve a balance of playability, aesthetics, and future maintenance.
- Gain an appreciation of the issues of sustainability that challenge the development of golf courses and how to apply traditional principles of golf course architecture to best achieve those sustainable objectives.

Method
The course will be taught using a lecture/test and studio format combined with individual and group critiques upon completion of each phase of the project.

READINGS
There are no required texts for this class.

COURSE POLICIES:

Class Participation:
All students are required to participate in class activities, complete reading and drawing assignments on their due date. Attendance and participation is critical to completing this course successfully. It is the responsibility of the student to bring all necessary supplies, drafting equipment and other necessary resources to the studio each period. You are expected to bring project work that is in progress and work in the studio during class time.

While working in the studios during class time, listening to music is only permitted with earphones. Tobacco products of ANY form are not permitted in the studio. All departmental policies apply will be enforced. Please observe common courtesy and use common sense when working in the studio while other classes are being conducted.
LAND 4911  
Golf Course Design  
The University of Georgia  
Class Syllabus  

Work during class hours  
All students are encouraged to work together in the studio during class time. You will each benefit from the interaction with classmates, if you take advantage of this opportunity. Typically, students who produce superior work fully participate in the studio environment.

Attendance, Tardiness and Late Work  
Attendance is required and will be recorded each class period at the discretion of the professor. Physical presence without participation will be counted as absence.

Each student is allowed three absences per semester regardless of the reason. Each absence above the third absence will lower the student’s FINAL grade by one letter grade per additional absence. Under university policy, more than three absences is, by itself, grounds for administrative withdrawal from a course.

Due Dates and Deadlines:  
Late work is not accepted for credit. If work is not submitted as specified by the instructor a score of zero will be assigned.

The following dates are final deadlines for the class assignments. All assignments are due at the beginning of the class period on their due date.

DATE  
15 August  
Introduction, Review Syllabus, Title Block Lecture  
17 August  
Title block due, Lecture on Formatting Base Map Lecture  
19 August  
Base Map Due, Preliminary Routing Plan Assignment  
22 August  
Preliminary Routing Plan Due, Routing critique, Revised Routing Assignment  
29 August  
Revised Routing Plan Due, Review Revised Routing Plans, Playability Analysis Lecture.  
31 August  
Review Playability Analysis, Assign Playability Analysis part 2  
2 September  
Review Playability Analysis Part 2, Assign Playability Analysis part 3  
7 September  
Review Playability Analysis Part 3, Assign Playability Analysis part 4  
9 September  
Review Playability Analysis Part 4; Lecture on Golf Hole types; Research project assignment.  
12 September  
Preliminary research project presentations  
14 September  
Final research project presentations to class;  
16 September  
Lecture on designing greens, Prelim green design assignment  
19 September  
Greens due, Lecture on fairways, tees and hazards. Design of fairways, greens and hazards. assignment
<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 September</td>
<td>Green, hazard, tees and fairways due. Rendered master plan and Narrative assignment.</td>
</tr>
<tr>
<td>23 September</td>
<td>Rendering and Narrative work day.</td>
</tr>
<tr>
<td>26 September</td>
<td>Rendering and Narrative work day.</td>
</tr>
<tr>
<td>28 September</td>
<td>Rendering and Narrative due. Pick 3 favorite holes, Greens enlargement basemap lecture, Greens enlargement assignment.</td>
</tr>
<tr>
<td>Oct 3</td>
<td>Green complex grading submission #1</td>
</tr>
<tr>
<td>Oct 5</td>
<td>Green complex grading submission #2</td>
</tr>
<tr>
<td>Oct 7</td>
<td>Green complex grading final submission</td>
</tr>
<tr>
<td>Oct 10</td>
<td>Tee and fairway grading assignment</td>
</tr>
<tr>
<td>Oct 12</td>
<td>Tee and fairway grading submission #1</td>
</tr>
<tr>
<td>Oct 14</td>
<td>Tee and fairway grading submission #2</td>
</tr>
<tr>
<td>Oct 17</td>
<td>Tee and fairway grading final submission</td>
</tr>
<tr>
<td>Oct 19</td>
<td>Stormwater plan assignment</td>
</tr>
<tr>
<td>Oct 21</td>
<td>Storm water plan submission #1</td>
</tr>
<tr>
<td>Oct 24</td>
<td>Storm water plan submission #2</td>
</tr>
<tr>
<td>Oct 26</td>
<td>Storm water plan final submission</td>
</tr>
<tr>
<td>Oct 28</td>
<td>Fall Break</td>
</tr>
<tr>
<td>Oct 31</td>
<td>Landscape plan assignment</td>
</tr>
<tr>
<td>Nov 2</td>
<td>Landscape plan submission #1</td>
</tr>
<tr>
<td>Nov 4</td>
<td>Landscape plan submission #2</td>
</tr>
<tr>
<td>Nov 7</td>
<td>Landscape plan final submission</td>
</tr>
<tr>
<td>Nov 9</td>
<td>Irrigation plan assignment</td>
</tr>
<tr>
<td>Nov 11</td>
<td>Irrigation plan submission #1</td>
</tr>
<tr>
<td>Nov 14</td>
<td>Irrigation plan submission #2</td>
</tr>
<tr>
<td>Nov 16</td>
<td>Irrigation plan final submission</td>
</tr>
<tr>
<td>Nov 18</td>
<td>Golf Club assignment</td>
</tr>
<tr>
<td>Nov 21</td>
<td>Thanksgiving Break</td>
</tr>
<tr>
<td>Nov 23</td>
<td>Thanksgiving Break</td>
</tr>
<tr>
<td>Nov 25</td>
<td>Thanksgiving Break</td>
</tr>
<tr>
<td>Nov 28</td>
<td>Golf Club submission #1</td>
</tr>
<tr>
<td>Nov 30</td>
<td>Golf Club submission #2</td>
</tr>
<tr>
<td>Dec 2</td>
<td>Golf Club work day</td>
</tr>
<tr>
<td>Dec 5</td>
<td>Golf Club final submission</td>
</tr>
</tbody>
</table>
**LAND 4911**  
Golf Course Design  
The University of Georgia  
Class Syllabus

**GRADING**  
Every project has an equal weight.

I will grade each submission that you make as follows:

The first grade will be based upon my initial redline of your drawing. I will count off two points for every “mistake” that I find on your drawings.

At your next submission deadline, you will be required to correct the redlines that you have been given. Your grade for this will be based upon the total number of redlines that you correct.

Should you choose not to make any revisions to the redlines, you will receive a grade of zero.

Should you hand in anything late, you will receive a grade of zero.

**GRADING EXAMPLE.**

Joe and Jack submit their concept drawings to Donnie. Donnie finds 12 things that need to be fixed on each drawing. Joe and Jack’s concept grade is 76.

12 redlines x 2 points = 24 points.
100-24 = 76.

For the next deadline Joe, corrects all the redlines. His grade for this part of the project is 100.

12 corrections / 12 redlines = 100.
Concept grade 76 + Corrected redline grade 100 = 176
176/2 = 88 average for this project.

Jack has a new girlfriend who requires that he spend every night going downtown with her. Because of this, Jack does not correct his redlines.

0 corrections / 12 redlines = 0
Concept grade (76) + Corrected redline grade (0) = 76 total points
76/2 = 38 average for his project.

This grading “system” has two purposes. First, is designed to simulate what you will experience working for a design firm. Second, it is to increase the amount of help that you receive from me. It is set up to encourage you to make your work as good as it can be so that you will have a fantastic set of drawings for your portfolio.
LAND 4911  Golf Course Design
The University of Georgia  Class Syllabus

For this class, you will be evaluated based on the following grade scale:

\[ \begin{align*}
A &= 94.00 \text{ to } 100.0 \quad & C+ &= 77.00 \text{ to } 79.99 \\
A- &= 90.00 \text{ to } 93.99 \quad & C &= 74.00 \text{ to } 76.99 \\
B+ &= 87.00 \text{ to } 89.99 \quad & C- &= 70.00 \text{ to } 63.99 \\
B &= 84.00 \text{ to } 86.99 \quad & D &= 60.00 \text{ to } 67.99 \\
B- &= 80.00 \text{ to } 83.99 \quad & F &= 59.99 \text{ and below}
\end{align*} \]

**Original Student Work**
Work submitted for class projects is to be the creative work of the individual student. Copying of drawings or text from any source is plagiarism and an escape from learning. Submitted projects found to contain copied work will be counted as a zero, and will be reported to the university judiciary system.