

Landscape Design and Management

Hillcrest High School

Agriculture Program

2016-2017

Instructor: Mark Garner

Email: mcgarner@tcss.net

Course Fee: \$25.00

COURSE DESCRIPTION:

The Landscape Design and Management course allows students to become more knowledgeable about and appreciative of landscape design and management. Topics include career opportunities, safety, landscape design, plant selection, landscape growth and the environment, landscape establishment and management, interior plantscaping and xeriscaping, landscape business management, and technology.

Career Technical Student Organization (CTSO): FFA

FFA is a dynamic youth organization that is an intra-curricular component of and agriscience program. FFA offers a variety of opportunities for members to get involved through leadership conferences, scholarship opportunities, and competitive events. The FFA Mission is to make a positive difference in the lives of young people by developing their potential for premier leadership, personal growth, and career success through agriscience education. To find out more about FFA, please visit www.alabamaffa.org or www.ffa.org. Dues are \$20.00 and can be paid to Coach Garner.

Landscape Design and Management is a Career Technical course in the Plant System pathway. Agriscience must have been taken as a prerequisite and, upon completion, students will be able to take another Agriculture course in the future at Hillcrest, such as Sports Turfgrass Production and Management.

Course Goals:

1. To compare job characteristics for various careers in landscape design and management.
2. To identify safe use of pesticides, power equipment, and hand tools in the landscaping industry.
3. To apply principles of landscape design, including simplicity, balance, focalization of interest, rhythm and line, scale and proportion, and unity.
4. To identify common plants used in landscape design.
5. To describe environmental factors that affect plant growth.
6. To analyze landscape plants for symptoms of nutrient deficiencies.
7. To explain environmental issues related to landscape design and management.
8. To demonstrate methods for planting shrubs, trees, annuals, bulbs, groundcovers, and vines.
9. To describe techniques used for establishing and maintaining landscapes, including pruning, fertilizing, irrigating, mulching, and controlling pests.
10. To identify criteria for the selection of hand tools, power tools, power equipment, and machinery for a specific landscape task.
11. To describe the purpose of various sprinklers within an irrigation system.
12. To identify common needs for indoor plants used in interior plantscaping.
13. To demonstrate business-related work ethics and managerial skills for the successful operation of a landscape business.
14. To identify advancements in technology that enhance the landscaping industry.

TEXTBOOK:

A number of textbooks may be used for instruction as well as enrichment or supplemental activities. None will be issued to the student.

MATERIALS:

Bring the following to class every day:

- ✓ Notebook or binder
- ✓ Paper
- ✓ Pen or pencil
- ✓ Flash drive

Optional Items:

- 1 box of kleenex
- Bottle of hand sanitizer or sanitizer spray (Clorox Anywhere)
- ream of copy paper

GRADING PROCEDURE:

The first semester's grade will be generated from daily assignments, class participation, projects, and exams. (85% assignments + 15% midterm exam) The second semester's grade will come from the same type of assignments as the first semester. The two semesters' averages will compose 80% of the final grade and the comprehensive final exam will make up the remaining 20%.

GRADE SCALE:

| | |
|--------------|---|
| 90-100 | A |
| 80-89 | B |
| 70-79 | C |
| 60-69 | D |
| 59 and below | F |

POLICY: All Tuscaloosa County Board of Education policies will be followed. This covers computer and Internet usage, discipline, make-up work, etc. (See the Student/Parent Information Guide regarding any policy.) ***It is imperative that you do not use websites on the Internet that you have not been instructed to use.***

PERSONAL ELECTRICAL DEVICES:

Technology can be a valuable educational resource. Students are allowed to use electronic and technological devices at **SPECIFIED** times and **ONLY** when authorized by the teacher for an instructional purpose. Devices such as smart phones, Kindles, Nooks, laptops, and iPads are items that students can use at the designated time. Students may also use these devices to replace paperback/hard-cover novels required for purchase/use for reading assignments. **If a student is using a device inappropriately (not in accordance with classroom instruction or TCBOE policy), consequences will be enforced as stated in the Code of Conduct Handbook.**

CLASSROOM RULES:

1. Be Respectful and Responsible.
2. No Food or Drinks of any kind.
3. BE SAFE

AVAILABLE INDUSTRY CREDENTIALS:

1. Landscaping Design & Management (GIWP)
2. Alabama Junior Master Gardener
3. Hunter Education

If you need special accommodations in my classroom, please let me know immediately. I look forward to working with you this year.

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This page will be signed and return to Coach Garner

My signature certifies that I have read, my teacher has explained, and I understand and agree to abide by the procedures and regulations in Coach Garner's Landscape Design and Management course/syllabus for the 2016-2017 school year. I understand the risks that may be involved if I do not use the appropriately taught safety procedures of the Agriculture Department during the coursework. I also hereby do release Tuscaloosa County School System, TCSS Board, Hillcrest High School, Coach Garner, and all Agriculture instructors and guests of all liabilities due to injury or illness. I also release these entities to use names and photos of my child in an educational manner to promote Agricultural education.

Student's name (print): _____

Student's signature: _____ Date: _____

Parent's name (print): _____

Parent's signature: _____ Date: _____

Parent's contact info – Phone: _____ Email: _____