

MAYLAND COMMUNITY COLLEGE



HOR 166 - Section 10 Fall 2007

**PO Box 547
or
200 Mayland Drive
Spruce Pine, NC 28777
828-765-7351 or 1-800-462-9526
mayland.cc.nc.us**

**MAYLAND COMMUNITY COLLEGE
Welcomes You To:**

**HOR 166 - Section 10
Soils and Fertilizers
Credit Hours: 3 Contact Hours: 4**

Course Description

This course covers the physical and chemical properties of soils and soil fertility and management. Topics include soil formation, classification, physical and chemical properties, testing, fertilizer application, and other amendments. Upon completion, students should be able to analyze and evaluate and properly amend soils and media.

Prerequisites: None

Corequisites: None

Instructor Information

Instructor:	Phillip R. Johnson , B.S. North Carolina State University
Office Location:	Public Safety Building - MCC Campus
Telephone Number:	828-765-7351 (287)
E-mail Address:	pjohnson@mayland.edu

Course Information

Class Meeting Time: Tuesday and Thursday from 2 pm until 3:50 pm

Class Location: Horticulture Classroom, MCC Campus

Office Hours: **Posted on office door.**

Required Text(s): Soil Science and Management,_Plaster - Thomson

Course Objectives/Competencies:

This class is designed to address both practical and theoretical goals - to help each student develop both knowledge and skills. This means you will be able to:

1. Read and apply a Cooperative Extension Soil Analysis Report.
2. Understand soil mechanics and related topics.

3. Understand soil and fertilizer relationships.
4. Take quality soil samples for soil analysis.
5. Understand proper field soil testing techniques.

Attendance Policy/Tardiness/Make-Up Work:

Students will be expected to attend all class sessions. If you fail to attend, your presentations and assignments will be lacking the integration of classroom material, and you will naturally receive lower grades. Your attendance will count as part of your final grade.

Late Assignments: Your assignments are due on time. Any assignment that is one class meeting late - without a valid excuse - will be marked down by five (5) points.

Tests: Tests are generally multiple choice, short essay, short answer, and laboratory examination of practical skills. If a test is missed with a valid excuse, it must be made up within 1 week of the date it was given or it is an automatic failure.

Grading Criteria/Tests/Projects:

- | | |
|--|------------------|
| 1. Mid-term Exam | 100 points |
| 2. Final Exam | 100 points |
| 3. Lab / Participation | 100 points Total |
| 4. Attendance - will affect grade at instructors discretion. | |

Grading Scale:

- A = 90-100
- B = 80-89
- C = 70-79
- D = 65-69
- F = Below 65

Inclement Weather Procedures:

Check with school or listen to local radio station for weather delays and school closings. You are to use your best judgment about coming to class in bad weather.

Academic Standards/Student Expectations/Ethics:

It is unethical to use or present any other person's work as your own. This includes paraphrasing and/or directly copying from other students, published material, and other non-published sources (ex: The Internet). If you use a book, article, or the Internet as a resource - cite the material.

Withdrawal Dates:

FALL 2007

Drop / Add Aug. 20-24

END OF UNCONDITIONAL WITHDRAWAL SEPT. 25

END OF CONDITIONAL WITHDRAWAL , Nov. 1

Any student requesting special accommodations for this course due to a disability should apply for services through the SOAR Office or the Counseling Center, which will document the disability. A counselor will then help determine which accommodations, if any, the student needs for success in this course.

Disclaimer: While I have attempted to be as thorough as possible with this syllabus, course procedure may vary from this outline to meet the needs of this particular group, which also includes variations due to weather.

Personal Note: My personal goal is to provide up-to-date information and skills necessary for your personal success in the field of horticulture.