



INSTRUCTIONAL PACKAGE

FOR-263

Forest Management

Effective Term
Spring 2020

INSTRUCTIONAL PACKAGE

Departmental Mission Statement:

Forestry Management Technology Department & Program Mission Statement

The mission of the Department, the Programs and its faculty is to support the broader College's goals as detailed above, but also provide a comprehensive silviculturally based environmental education that recognizes the broad multiple uses demanded from the forest environments of South Carolina, the Southeastern United States and the nation.

- We want our graduates to recognize how their daily decisions will have a lasting impact on the social, cultural, economic, and environment fabric of our state, region and country.
- Their natural resource decision making process must be based on the highest professional and ethical standards for the long term protection and promotion of a high demand resource.
- We strive to prepare well trained forest, wildlife and natural resource technicians for both public and private sector employers and promote career opportunities for our graduates.

Part I: Course Information

Effective Term: Spring 2020

COURSE PREFIX: FOR-263

COURSE TITLE: Forest Management

CONTACT HOURS: Lecture: 2 – Lab: 5

CREDIT HOURS: 4.0

RATIONALE FOR THE COURSE: To acquaint students with sources of management data, funds and assistance available to landowners. To write offering letters for sale of timber, understand timber sale procedures, harvesting methods, and methods of payment. Understand the multiple use concepts as applied to a timber management plan. Become familiar with federal and state taxation procedures on forest land and products. Utilize the various techniques and principles of forest management gained from previous courses and determine the best management procedures for a given tract of land. Write a complete management plan for a tract of timber in accordance with the objectives of the owner.

COURSE DESCRIPTION: This course examines the tools and techniques used in constructing formal management plans for forests. Subdivision of the forest for management purposes, regulation, and regeneration are included.

PREREQUISITES/CO-REQUISITES: (Prerequisites: Successful Completion of FOR-154 (D or better), FOR-156 (C or better) and FOR-271 (C or better). Co-requisite: FOR-240)

REQUIRED MATERIALS: No textbook is required. Instructor will provide various handouts. Please visit the Bookstore online site for most current textbook information. Use the direct link below to find textbooks. [BOOKSTORE](#). Enter the semester, course prefix, number and section when prompted and you will be linked to the correct textbook.

ADDITIONAL REQUIREMENTS: Students will need to have a Hard Hat and boots (steel-toe are preferred) for lab; a pocket engineer's scale (10 units / inch); and calculator.

TECHNICAL REQUIREMENTS: Access to Desire2Learn (D2L), HGTC's student portal for course materials. WaveNet and D2L email access.

CLASSROOM ETIQUETTE: As a matter of courtesy to other students and your professor, please turn off cell phones and other communication/entertainment devices before class begins. If you are monitoring for an emergency, please notify your professor prior to class and switch cell phone ringers to vibrate.

SAFETY: Prior to going to the woods for a field lab, the instructor will hold a safety briefing identifying the boundaries of the study area, any known hazards and the proper use of Personal Protective Equipment assigned to that exercise.

LAB EXERCISES: This class has an outdoor lab associated with it. Please come appropriately dressed for lab with long pants and boots.

Part II: Student Learning Outcomes

PART II: STUDENT LEARNING OUTCOMES

COURSE LEARNING OUTCOMES and ASSESSMENTS*:

Module #1

Materials Covered: Basic Concepts of Forest Management & Silviculture

**Assessment(s):* Weekly skill based labs / Complete class review activity. / Unit Test

Learning Outcomes:

1. Define assigned terminology.
2. Discuss and explain natural regeneration and list source of seed.
3. Discuss and explain artificial regeneration and list the landowner's alternatives or choices.
4. Define and explain the intermediate operations and give a reason for performing each operation.
5. Discuss and explain the clearcut artificial regeneration system, seed-tree system, shelterwood system, and selection system.
6. Define regulation and discuss the volume and area methods of forest regulation.
7. Demonstrate skills needed to gather and process field data.
8. Organize data collection procedures.
9. Distinguish between the business and technical aspects of forest management.
10. Define and identify the roles of a forest manager.
11. Define forest management and list the purposes of forest management.
12. List the facets of multiple use concepts.
13. Discuss and explain the Sustained Yield Management Concept.
14. Discuss and explain "Ecosystem" management.

Module #2

Materials Covered: Development of Forest Management in United States and Physical Features Needed

**Assessment(s):* Weekly skill based labs / Complete class review activity / Unit Test

Learning Outcomes:

1. Discuss the development of forest management in the United States.
2. Identify the physical resources available to the forest manager.
3. Identify and assess the parameters of site quality.
4. Identify the soil characteristics that affect site.
5. Identify available landowner assistance programs and requirements.

Module #3

Materials Covered: Land Use, Taxation and Growth Projections

**Assessment(s):* Weekly skill based labs / Complete class review activity / Unit Test

Learning Outcomes:

1. Demonstrate ability to work a forest investment problem.
2. Demonstrate ability to compute property taxes on a given property.
3. Discuss and explain coordination of other forest land uses in conjunction with timber production.
4. Demonstrate ability to make timber management decisions and present data, from an assigned tract, to a landowner in a formal management plan.
5. Draw necessary maps for an assigned tract of land.

****Students – please refer to the Instructor’s Course Information sheet for specific information on assessments and due dates.***

Part III: Grading and Assessment

EVALUATION OF REQUIRED COURSE MEASURES/ARTIFACTS*

Students’ performance will be assessed and the weight associated with the various measures/artifacts are listed below.

EVALUATION*

Tests (3)	40%
Labs / Field Reports	15%
Management Plan Project	30%
Comprehensive Final Exam	<u>15%</u>
	100%

****Students, for the specific number and type of evaluations, please refer to the Instructor’s Course Information Sheet.***

GRADING SYSTEM:

The College’s and Departmental grading system is delineated in the Catalog. Please note the College adheres to a 10 point grading scale A = 100 – 90, B = 89- 80, C = 79 – 70, D = 69 – 60, F = 59 and below. You must have your Dean’s approval if changes in the scale are made.

Grades earned in courses impact academic progression and financial aid status. Before withdrawing from a course, be sure to talk with your instructor and financial aid counselor about the implications of that course of action. Ds, Fs, Ws, WFs and Is also negatively impact academic progression and

financial aid status.

The Add/Drop Period is the first 5 days of the semester for **full term** classes. Add/Drop periods are shorter for accelerated format courses. Please refer to the academic calendar for deadlines for add/drop ([ACADEMIC CALENDAR](#)). You must attend at least one meeting of all of your classes during that period. If you do not, you will be dropped from the course(s) and your Financial Aid will be reduced accordingly.

Part IV: Attendance

Horry-Georgetown Technical College maintains a general attendance policy requiring students to be present for a minimum of 80 percent (80%) of their classes in order to receive credit for any course. Due to the varied nature of courses taught at the college, some faculty may require up to 90 percent (90%) attendance. Pursuant to 34 Code of Federal Regulations 228.22 - Return to Title IV Funds, once a student has missed over 20% of the course or has missed two (2) consecutive weeks, the faculty is obligated to withdraw the student and a student may not be permitted to reenroll. **Instructors define absentee limits for their class at the beginning of each term; please refer to the Instructor Course Information Sheet.**



Part V: Student Resources

The Student Success and Tutoring Center (SSTC)

The SSTC offers to all students the following **free** resources:

- 1. Academic coaches** for most subject areas, **Writing Center Support**, and **college success skills.**
- 2. On-line student success and academic support resources.**

Visit the SSTC website: [Student Success & Tutoring Center](#) and visit the student services tab in your WaveNet account to schedule appointments using TutorTrac. For more information, call: SSTC Conway, 349-7872; SSTC Grand Strand, 477-2113; and SSTC Georgetown, 520-1455 or go to the [Online Resource Center](#) to access on-demand resources any time.



TECH Central – Student Information Center

TECH Central provides quality enrollment and collegiate guidance for students, faculty, and staff. Services include phone, walk-in, and online technical support for technology training and troubleshooting. Additionally, we offer support in Office 365, Outlook E-mail setup, and ID cards.

Phone: 843-349-5340

Email: techcentral@hgtc.edu

Text: 843-357-8552

TECH Talk (Live Chat): Located on the "Home" tab in WaveNet.

Website: www.hgtc.edu/techcentral

Locations:

Conway Building 1100, Room 132D

Grand Strand Building 200, Room 136

Disability Services:

HGTC is committed to providing an accessible environment for students with disabilities. Inquiries may be directed to Beth Havens, Director of Student Development on the Conway Campus Jaime Davis, Counselor/Advisor on the Georgetown Campus or Kristin Griffin, Counselor on the Grand Strand Campus. These individuals will review documentation of the student's disability and, in a confidential setting with the student, develop an educational accommodation plan.

Note: It is the student's responsibility to self-identify as needing accommodations and to provide acceptable documentation. After a student has self-identified and submitted documentation of a disability, accommodations may be determined, accepted, and provided.

Statement of Equal Opportunity/Non-Discrimination Statement

Horry-Georgetown Technical College prohibits discrimination and harassment, including sexual harassment and abuse, on the basis of race, color, sex, national or ethnic origin, age, religion, disability, marital or family status, veteran status, political ideas, sexual orientation, gender identity, or pregnancy, childbirth, or related medical conditions, including, but not limited to, lactation in educational programs and/or activities.

Inquiries regarding the non-discrimination policies: Students and prospective student inquiries concerning Section 504, Title II, and Title IX and their application to the College or any student decision may be directed to the Vice President for Student Affairs, Dr. Melissa Batten, VP Student Affairs, Title IX Coordinator, Building 1100, Room 107A, Conway Campus, PO Box 261966, Conway, SC 29528-6066, 843-349-5228, Melissa.Batten@hgtc.edu. Employee and applicant inquiries concerning Section 504, Title II, and Title IX and their application to the College may be directed to the Vice President for Human Resources, Jacquelyne Snyder, VP Human Resources, Section 504, Title II, and Title IX Coordinator, Building 200, Room 212A, Conway Campus, PO Box 261966, Conway, SC 29528-6066, 843-349-5212, Jacquelyne.Snyder@hgtc.edu.

Title IX Requirements

All students (as well as other persons) at Horry-Georgetown Technical College are protected by Title IX—regardless of their sex, sexual orientation, gender identity, part- or full-time status, disability, race, or national origin—in all aspects of educational programs and activities. Any student, or other member of the college community, who believes that he/she is or has been a victim of sexual harassment or

sexual violence may file a report with the college’s Chief Student Services Officer, campus law enforcement, or with the college’s Title IX Coordinator, or designee.

*Faculty and Staff are required to report incidents to the Title IX Coordinators when involving students. The only HGTC employees exempt from mandatory reporting are licensed mental health professionals (only as part of their job description such as counseling services).

<p>Inquiries regarding the non-discrimination policies:</p>	
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<p>Dr. Melissa Batten, VP Student Affairs <i>Title IX Coordinator</i></p> <p>Building 1100, Room 107A, Conway Campus PO Box 261966, Conway, SC 29528-6066 843-349-5228 Melissa.Batten@hgtc.edu</p>	<p>Jacquelyne Snyder, VP Human Resources <i>Section 504, Title II, and Title IX Coordinator</i></p> <p>Building 200, Room 212A, Conway Campus PO Box 261966, Conway, SC 29528-6066 843-349-5212 Jacquelyne.Snyder@hgtc.edu</p>