



INSTRUCTIONAL PACKAGE

NRM 250

Wetland Ecology

Fall 2019

INSTRUCTIONAL PACKAGE

PART I: COURSE INFORMATION

Effective Term: Fall 2019

COURSE PREFIX: NRM 250

COURSE TITLE: Wetlands Ecology

CONTACT HOURS: 5 (2 Lecture & 3 Lab)

CREDIT HOURS: 3

RATIONALE FOR THE COURSE:

Wetlands are a basic habitat component of natural resources in the Southeastern US. This course will identify wetlands and help students understand the management restrictions and opportunities.

COURSE DESCRIPTION:

This course covers the identification, taxonomy, and life histories of freshwater fish. Management implications for various species of fish with commercial, sport or ecological value are included. Special instruction is provided on managed wetland management and maintenance.

PREREQUISITES/CO-REQUISITES:

(COMPASS Reading 78 and COMPASS Writing 65) or SAT Critical Reading 420 or (ACT English 17 and ACT Reading 17) or Credit level [ENG 100](#) Minimum Grade of C* or Credit level [ENG 155](#) Minimum Grade of C or Credit level [ENG 155](#) Minimum Grade of TC or Credit level [ENG 101](#) Minimum Grade of C or Credit level [ENG 101](#) Minimum Grade of TC

REQUIRED MATERIALS:

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.

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.

PART II: STUDENT LEARNING OUTCOMES

COURSE LEARNING OUTCOMES and ASSESSMENTS*:

- I. Introduction to Wetland Ecology
Materials Covered: Chapter 1 “Managing Your Restored Wetland” and Hand Out
*Assessment: Combined Test with Unit II
Learning Outcomes:
 - i. Wetland ecology definitions
 - ii. List values and functions of wetlands
 - iii. Identify wetland types

- II. Wetland Plant and Animal Ecology
Materials Covered: Chapters 2 & 5 “Managing Your Restored Wetland”
*Assessment: Combined Test with Unit I
Learning Outcomes:
 - i. Wetland plant identification
 - ii. Learn wetland plant and animal adaptations and interactions
 - iii. Describe aquatic invertebrate value

- III. Management of Non-Managed Wetlands
Materials Covered: Hand Out
*Assessment: Combined Test with Units IV and V.
Learning Outcomes:
 - i. List the management options of swamps
 - ii. List the management options of floodplains
 - iii. List the management options of flatwoods
 - iv. List the management options of pocosins and Carolina Bays

- IV. Wetland Policies
Materials Covered: Hand Out
*Assessment: Combined Test with Units III and V
Learning Outcomes:
 - i. Describe wetland policies, history, and applications
 - ii. Completing wetland impact permitting

- V. Wetland Restoration
Materials Covered: Chapter 3 “Managing Your Restored Wetland”
*Assessment: Combined Test with Units III and IV
Learning Outcomes:

- i. Understand the basics (how, when, where) of wetland restoration
- ii. Learn the advantages and disadvantages of wetland restoration

VI. Management of Managed Wetlands

Materials Covered: “Management of South Atlantic Coastal Wetlands for Waterfowl and Other Wildlife”

*Assessment: Unit Test

Learning Outcomes:

- i. List the types and management of managed wetlands
- ii. Learn target and non-target vegetation for waterfowl and other wildlife
- iii. Describe waterfowl usage

VII. Fish Pond Management

Materials Covered: Hand Out

*Assessment: Unit Test

Learning Outcomes:

- i. Explain proper fish balances
- ii. Define restrictions and ecology of the pond system
- iii. Learning problem solving

****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	65%
Projects	15%
Quizzes	15%
Participation	5%
	100%

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

GRADING SYSTEM:

State the College's or departmental grading system as 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 eighty percent (80%) of his or her classes in order to be eligible to receive credit for any course. However, due to the varied nature of courses taught at the College, a more rigid attendance policy may be required by individual instructors. At a minimum, a student may be withdrawn from a course(s) after he or she has been absent in excess of ten percent (10%) of the total contact hours for a course. **Instructors define absentee limits for their class at the beginning of each term; please refer to the Instructor Course Information Sheet.**

For online and hybrid courses, check your Instructor's Course Information Sheet for any required on-site meeting times. Please note, instructors may require tests to be taken at approved testing sites, if you use a testing center other than those provided by HGTC, the center may charge a fee for its services.

Part V: Student Resources

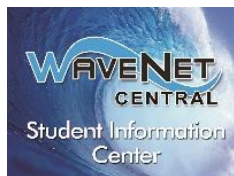


The Student Success and Tutoring Center (SSTC)

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.



Student Information Center: WaveNet Central (WNC)

WNC offers to all students the following **free** resources:

1. **Getting around HGTC:** General information and guidance for enrollment!
2. Use the [Online Resource Center \(ORC\)](#) for COMPASS support, technology education, and online tools.
3. **Drop-in technology support or scheduled training** in the Center or in class.
4. **In-person workshops, online tutorials and more services** are available.

Visit the WNC website: [Wavenet Central](#). Live Chat and Center locations are posted on the website. Or please call one of the following locations: WNC Conway, 349-5182; WNC Grand Strand, 477-2076; and WNC Georgetown, 520-1473.

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>	
<p>Student 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.</p>	<p>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.</p>
<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>