



INSTRUCTIONAL PACKAGE

HRT 113

Plant Materials

Effective Term

Fall/2018

INSTRUCTIONAL PACKAGE

PART I: COURSE INFORMATION

Effective Term: Fall2018

COURSE PREFIX: HRT 113

COURSE TITLE: Plant material

CONTACT HOURS: 5.0

CREDIT HOURS: 3.0

RATIONALE FOR THE COURSE:

The student should become familiar with local ornamental plants, their cultural habits and use in landscape because the golf course superintendent/ athletic field manager is responsible for the overall beauty of the property which includes the ornamental and native plants of the facility.

COURSE DESCRIPTION:

This course is a study of herbaceous and woody plant materials used in the landscaping and nursery trade. This course consists of identification, nomenclature, characteristics, cultural requirements of trees and shrubs.

PREREQUISITES/CO-REQUISITES:

None

REQUIRED MATERIALS:

Text: Landscape Plants of the Southeast [R. Gordon Halfacre, Anne Shawcroft, Gordon R. Halfacre) 5th edition. Published by Sparks Press, c.2002

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:

Supplemental Materials:

Know It and Grow It by Dr. Carl E. Whitcomb, Oklahoma Explaine University, Stillwater, Oklahoma

Manual of Woody Landscape Plants by Michael A. Dirr, Fifth Edition, Stipes Publishing L.L.C., Champaign, Illinois 61824, 1998, ISBN 0-87563-795-7

Ornamental Grass Gardening by Thomas A. Reinhardt, Martina Reinhardt and Mark Moskowitz, H.P. Books, a division of Pricestern Sloan, Los Angeles, California

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.

Classroom participation is highly encouraged and will be considered in the final evaluation in borderline cases. The instructor will randomly ask you questions whether you raise your hands or not. Be **alert!** Always.

Discipline and maturity are expected from all students during lectures and labs. Class roll will be taken at each class and lab period

PART II: STUDENT LEARNING OUTCOMES

UNIT I The student will be able to write and orally communicate the identifying characteristics of different plant material.

1. Explain how plants are classified (Example: according to flower characteristics).
2. Explain how scientific names are derived.
3. Using botanical leaf characteristics, the student should be able to identify (written) characteristics of various genres of plants.

UNIT II The student will be able to identify, give common and scientific names, specific growth and cultural characteristics and unusual features of plant materials.

1. Identify assigned plants.
2. Specify in written form the common and scientific names of plants.
3. Differentiate between deciduous and evergreen.
4. Explain the zone in which the plant will grow (cold tolerance).
5. Explain the soil types which plants will grow in (wet to dry).
6. Explain the location in which the plants will grow (sun and shade tolerance).
7. Identify and explain, where applicable, the flower of the plant, season of the year in which it blooms, the color range, and in some cases the specific cultivar.
8. Identify and explain, where applicable, the fruit color, season of the year the fruit appears, and any unusual characteristics.
9. If the plant is deciduous, explain the fall color and its appearance and significance for landscape design.
10. Explain maintenance problems if such exists, for example, unusual pruning for certain plants (Pyracantha).
11. Specify any outstanding or unusual features of plants. (Example: Plant male ginkgo due to undesirable fruit of the female ginkgo.)
12. Identify insects and disease problems of specific plants.
13. Explain the height, width, form and textural characteristics of specific plants.

UNIT III Plant Collection

1. The student will be able to assemble a notebook of plant material data sheets with photos.
2. Print material required for each plant material data sheet.
3. Use color paper provided by instructor
4. Attach color photo of plant to each separate data sheet
5. Arrange data sheets in notebook by week of presentation.
6. Present complete notebook on assigned date

Module #1

Materials Covered: Unit 2 “ Evergreens”

***Assessment(s):** Plant Identification.
Lab Test

Learning Outcomes:

1. Describe how the structure and anatomical functions of evergreens.
2. Explain evergreen life cycle.
3. Identify insects that use evergreen plants as a habitat.
4. Identify how and where evergreen plants can be utilized in the landscape.

Plant Collection

Materials Covered: Unit 3 “Herbacous ”

***Assessment(s):** Research assignment.

Learning Outcomes:

1. Identify the, nomenclature, characteristics, cultural requirements of trees and shrubs.
2. Assemble a notebook of plant material data sheets with photos.
3. Identify insects and disease problems of specific plants t
4. Classify the appropriate U.S.DA hardiness zone/zones in which the plant will grow.

****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	25%
Assignments	25%
Lab	25%
Projects/Portfolios	<u>25%</u>
	100%

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

Course Instructional Package:

Quizzes	60%
Midterm	10%
Final	15%
Project	<u>15%</u>
	100%

GRADING SYSTEM:

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Grading Scale:

90 – 100 A

80 – 89 B

70 – 79 C

60 – 69 D

59 and below F

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 (<http://www.hgtc.edu/academics/academiccalendars.html>). 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: www.hgtc.edu/sstc 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. Room locations and Live Chat is available on the SSTC website.



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: www.hgtc.edu/wavenetcentral. 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 Jocelyn Williams, Director of Student Development on the Conway Campus Jaime Davis, Counselor/Advisor on the Georgetown Campus or Jim Ratliff, 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, gender, national or ethnic origin, age, religion, disability, marital status, veteran status, sexual orientation, gender identity, or pregnancy in educational programs and/or activities.

Title IX Requirements

Horry Georgetown Technical College prohibits the offenses of domestic violence, dating violence, sexual assault, and stalking. Any student who believe he or she has experienced or witnessed discrimination including sexual harassment, domestic violence, dating violence, sexual assault or stalking is encouraged to report such incidents to one of the College's Title IX Coordinators.

*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).

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