

## CUMBERLAND COUNTY COLLEGE

Course: AG 105 INTRODUCTION TO AGRICULTURAL SCIENCES

Credits: 3

Prerequisites: RD 100, EN 060

### Course Description:

Introduces students to career opportunities and the general concepts of agriculture which include plant taxonomy, physiology, crops and their general management. Roundtable discussions of the implications of current controversial topics impacting the direction of agriculture.

Learning Outcomes Upon successful completion of this course, the student will be able to:

- Explain the binomial system of nomenclature
- Identify a variety of plants of horticultural importance.
- Develop an understanding of the role that agriculture plays in modern American society and its global implications.
- Compare horticultural production methods, including field and controlled environment systems.

### Topical Outline:

- Horticulture: An Introduction
- Plant Science
- Plant Propagation
- Greenhouse Management and Crops
- Integrated Pest Management
- Container Grown Plants
- Using Plants in the Landscape
- Sustainable Strategies for Lawn and Turf grass Establishment
- The Vegetable Garden
- The Small Fruit Garden and Nut Crops
- Holiday Crafts and Floral Designs
- Business Operations

Text: Shry, Carroll I., & Reiley, H. Edward. (2017). *Introductory Horticulture* (9<sup>th</sup> ed.). Cengage.

Student Assessment: The course grade for each student will be determined by the following criteria: Class participation/Attendance, Quizzes and lecture exams, Final Exam, Lab reports (incl. field trips), Project

Academic Integrity: Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation.

Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense. As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

Note: If you are having difficulty with work in this class tutoring is available through the Success Center. If you think that you might have a learning disability, contact Project Assist at 856.691.8600, x282 for information on assistance that can be provided to eligible students.

### **Before Withdrawing From This Course**

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.