

GENERAL BOTANY Lecture 1 - Introduction

- I. Class introduction**
 - A. Name and section of course**
 - B. Class participants**
 - 1. 3 X 5 cards - one for instructor, others for class
 - a) Side 1
 - 1) Name
 - 2) Social security number
 - 3) School address and phone
 - 4) Home address and phone
 - 5) E-mail address
 - 6) Medical notes
 - b) Side 2
 - 1) Previous courses
 - 2) Biological interests
 - 3) Career ambitions
 - 2. Cards for class include name and phone number only
 - C. Instructor**
 - 1. Name and title
 - 2. Area of expertise - plant physiology and plant anatomy
 - 3. Educational background - Purdue, Univ of Arkansas, Iowa State
 - 4. Research and classes taught at UCO
 - D. Other instructors**
 - 1. Dr. Gloria Caddell - plant taxonomy / pollination biology (UNC Chapel Hill)
 - 2. Dr. Randy Myster - plant ecology (Rutgers University)
 - 3. Dr. Clark Ovrebo - mycology (University of Toronto)
 - 4. Dr. Donna Zanowiak - biology education (Texas A&M)
- II. Class organization**
 - A. Syllabus**
 - 1. Class hours
 - 2. Office hours
 - 3. Lecture / lab
 - 4. Class outline
 - B. Laboratory supplies**
 - C. Grading**
- III. Attendance**
- IV. What is botany?**
 - A. Biology of plants**
 - B. Subdisciplines of botany**
 - 1. Systematics / taxonomy
 - 2. Morphology
 - 3. Anatomy
 - 4. Cytology
 - 5. Physiology
 - 6. Genetics
 - 7. Ecology