

Instructor: Dr. Patricia Cox  
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Class Time: Monday –Thurs 1:00-4:30pm  
 Place: 304 Hesler Hall

Textbook: “Guide to the Vascular Plants of Tennessee” (2015) by Tennessee Flora Committee  
 Required: Hand lens (10X) and Field Notebook (both can be purchased from UT bookstore)  
 Field Trips: Must wear closed toed shoes and long pants. (bring water, bug spray, and sunscreen)

### Syllabus (subject to change)

| Date | Day | Topic  |
|------|-----|--|
| 5/31 | W   | Introduction to Field Botany, Plant morphology: Stems/Leaves           |
| 6/1  | R   | Plant morphology: Flowers/fruits,                                      |
| 6/5  | M   | How to use Taxonomic Keys,; practice keying plants with taxonomic keys |
| 6/6  | T   | Fern morphology/life cycle   |
| 6/7  | W   | <b>Field Trip—Norris Dam State Park</b>                                |
| 6/8  | R   | Gymnosperm life cycle and Primitive Angiosperms                        |
| 6/12 | M   | <b>Field Trip( Field Quiz)—Dean’s Woods</b>                            |
| 6/13 | T   | Important Dicot Families; Practice Keying plants;                      |
| 6/14 | W   | Asteraceae, practice keying plants                                     |
| 6/15 | R   | <b>Mid Term Exam, Keying Quiz</b>                                      |
| 6/19 | M   | <b>Field Trip (Field Quiz)—Worthington Cemetery</b>                    |
| 6/20 | T   | Invasive species-What is a weed?                                       |
| 6/21 | W   | Misc. Dicot Families, practice keying plants                           |
| 6/22 | R   | Important Monocot Families (Orchidaceae/Liliaceae)                     |
| 6/26 | M   | <b>Field Trip (Final Field Quiz)—Big Ridge State Park</b>              |
| 6/27 | T   | Important Monocot Families (Poaceae/Cyperaceae)                        |
| 6/28 | W   | Misc monocot families  |
| 6/29 | R   | <b>Practice Keying plants for lab final</b>                            |
| 7/3  | M   | Review for Final Lab and Lecture Exams                                 |
| 7/4  | T   | <b>NO CLASS---HOLIDAY</b>  |
| 7/5  | W   | <b>Lab Final; Keying quiz</b>  |
| 7/6  | R   | <b>Lecture Final</b>   |

### Grading:

|                               |   |                |
|-------------------------------|---|----------------|
| Mid Term Exam:(100 pts)       | = | 100 pts        |
| Field Quizzes: (50 pts each)  | = | 150 pts        |
| Keying Quizzes: (25 pts each) | = | 50 pts         |
| Lab Final: (50 pts)           | = | 50 pts         |
| Final: (100 pts)              | = | 100 pts        |
| Participation: (50 pts)       | = | 50 pts         |
| <b>TOTAL</b>                  |   | <b>500 pts</b> |