

# Introductory Botany Spring 2007

## Lecture Schedule-At-A-Glance, with Assigned Readings PART 2

**Instructor: Dr. Terry O'Brien (201H Science Building; obrien@rowan.edu)**

### Class Meetings - 252 Science Building

**Tuesdays and Fridays 8:00 – 9:15 a.m. (252 Science Building)**  
**Laboratories: Thursdays 8:00 – 10:40 a.m. (252 Science Building)**

**Unless otherwise stated, all readings are from:  
Graham. L., L. Wilcox and J. Graham. 2005. Plant Biology (2nd Edition). Prentice Hall Publishers.**

**Handouts are available via the course website, or provided in class.**

	<u>Topic</u>	<u>Reading</u>
Feb. 13	Plant Development and Plant Tissues	Chapter 8
Feb. 15 (Lab)	Plant Development and Tissues (Concluded) Shoots: form, function and diversity	Chapter 8 Chapter 9
Feb. 16	How to Clone a Carrot	Handout
Feb. 20	Shoots: form, function and diversity (concluded) How to make a tree Secondary growth (wood and bark)	Chapter 9
Feb. 22 (Lab)	Wood and Secondary Growth Quiz 2	Handout
Feb. 23	Secondary growth (concluded)	Chapter 9
Feb. 27	Roots: form, diversity and function Roots and mineral nutrition Soils and fertilizers	Chapter 10
March 1 (Lab)	Seed Germination Hydroponics and Plant Nutrition	Handout
March 2	Roots and mineral nutrition (concluded) Soils and fertilizers	Chapter 10
March 6	Leaves: form, function and diversity Transpiration; movement of water within plants Will plants profit from high CO <sub>2</sub> ?	Chapter 11

March 8 (Lab)      Plant Propagation      Handout  
Questions and Answers (Exam 2)

**March 9      EXAM II (covers Feb. 13 - March 6)**

----- **SPRING BREAK MARCH 12-16** -----

Other dates to know about:

April 21 (Saturday)    Fieldtrip to Longwood Gardens, 8 a.m. - 4 p.m.  
(If rescheduled, the trip will be Saturday April 28)

**May 1 (Tuesday)    FINAL EXAM: 8:00 a.m. – 10:00 a.m.**  
**Location: 252 Science Building**  
**Covers March 30 – April 27 and major concepts from the course**