

Syllabus

PBIO 109

Americans and Their Forests: Ecology, Conservation, and Policy
Call number 05430

Instructor:

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Meeting time and place:

12:10 – 1:00 Mon, Tues, Weds, Thurs

Bentley 227

Course outline

March 30 - **Introduction:** Course administration & overview

April 2 **Natural forests of North America:**
Read Williams (1989) pages 22-49

April 6-9 **Forest clearance on the East Coast: Patterns in the forest**
Read Williams (1989) 53-74

April 13-16 **Moving west: Forest clearance in the beech-maple ecosystem**
Read Williams (1989) 82-192

April 20 **Exam** on weeks 1-3

April 20-23 **The Lake States: the development of industrial forestry**
Read Williams (1989) 193-237, 393-424

April 27 **Aerial photos: Hand in Part 1**

April 27-30 **The Southern Lumber boom: disappearance of an ecosystem**

- Read Williams (1989) 238-288
- May 4-7 **The Pacific Northwest: The end of the resource comes in sight**
Read Williams (1989) 289-330
- May 11-14 **Ecology of fire and fire control**
Read Williams (1989) 447-454
- May 18** **Exam** on weeks 4-7
- May 18-21 **Guest speakers: Forest issues in Ohio**
Read Williams (1989) 351-368,377-379
- May 25** **Aerial photos: Hand in final essay**
- May 25-28 **Chestnut blight, deer, and the regrowth of eastern forests**
Read Williams (1989) 466-494
- June 1-4 **Ecology of the suburbs**
- Exam week **Exam** on weeks 8-10; 12:40 PM, Friday, 12 June; 227 Bentley

Text and other materials

US Geological Survey. 1980 - 2005. Aerial photos of local areas within Ohio (we'll show you how to order them online).

Williams, Michael. 1989. Americans and their forests: an historical Geography. Cambridge University Press, New York.

Assignments

Readings are assigned from the text to complement lecture material.

Students will be asked to prepare a term paper summarizing the forest history of an area personally familiar to them. You are expected to use a variety of documentary sources plus recent aerial photos purchased as class materials. Materials will be handed in for grading on two dates: **April 27** and **May 25**.

Attendance

Students are not required to attend lectures, although class participation is the best possible preparation for assessment.

Assessment

You will be assessed on the basis of exams, quizzes, and the term paper:

Exam 1	20%
Exam 2	20%
Exam 3 (final)	20%
Term paper	30% (10% on April 28) (20% on May 27)
Quizzes & in-class writing	10%

Assignments handed in after the deadline will automatically be penalized 10 percentage points per day.

Academic honesty

Plagiarism in any form will result in failure of the course and referral to the University Judiciaries. All ideas not your own must be identified and credited to their source. Note that paraphrasing another person's work is still plagiarism; you must cite your sources. Please read the website

<http://www.indiana.edu/~wts/pamphlets/plagiarism.pdf>

If you have any questions about appropriate citation, come see me.