

**FORESTRY / WOOD PRODUCTS 200W**

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**Office Hours:** By appointment

**Course Objectives:** Students will demonstrate that they developed an understanding of the basic concepts involved in the practices and policies of sustainable forest management, wood products industrial manufacturing, and societal demands on forest resources. They will use comprehensive writing assignments to integrate the interactions among society, forest management practices and policies, and the wood products industrial sector. The course will also provide the students with descriptions of careers as professionals in forestry and wood products. Students will use this information to develop a career focus and an academic plan to support that focus.

**Course Text:** None

***Writing Assignment:***

1. The writing assignment (35% of final grade not including trip attendances) will be a take-home assignment. You will be given a packet of information (articles including tables, figures, definitions, etc.) and you will write a 4 to 5-page, double-spaced, typewritten essay. The essay will address your overview of the information provided, any relationships between information provided, significant trends in the data and any topics the instructors request in the information packet. The essay will be graded and returned to you for corrections. The essay grade will be based on content (depth of information analyses and clarity-25%) and grammar, spelling and punctuation (75%). You may obtain up to 4 additional points on the final course grade if you revise the essay. You will be required to turn into the instructors on a specified date (1) the original graded essay and (2) revised essay in order to obtain the 4 extra points on your final average. Missing the deadline for the original essay will result in your original essay grade reduced by 5 points for up to one day late and 10 points for each day after being one date late, unless you have an approved excuse.

2. **Course Schedule Plan** - This assignment will consist of two pages. The academic course scheduling plan should be a single page using SFR standard program checksheet and the second page listing your courses by semester for the remainder of your undergraduate career schedule. This assignment will be graded on completeness, presentation and appearance.

|                            |    |              |                             |           |
|----------------------------|----|--------------|-----------------------------|-----------|
| <b>Course Grade Scale:</b> | A  | 95 and above | First Hourly Exam           | 31%       |
|                            | A- | 90-94        | Second Hourly Exam          | 31%       |
|                            | B+ | 86-89        | Report                      | 35%       |
|                            | B  | 82-85        | Academic Course Schedule    | <u>3%</u> |
|                            | B- | 78-81        |                             | 100%      |
|                            | C+ | 74-77        | <b>NOTE:</b>                |           |
|                            | C  | 68-73        | ADDITIONAL EXTRA POINTS     |           |
|                            | D  | 60-67        | ON FINAL AVERAGE = up to 12 |           |
|                            | F  | Below 60     |                             |           |

### Field Trip:

We will have two all-day field trips. These trips are designed to have you interact with professionals in many areas of forestry and wood products. Attendance is mandatory. Attendance on each field trip will be worth up to 4 additional points per trip (8 points total for 2 trips) added to your final course average. If you miss a field trip you will have 6 points removed per trip (12 points total for 2 trips) from your final course average. The extra points for attending the field trips will be added to or subtracted from your final course grade point average.

### Final Course Grade:

At the end of the course, we will examine the average grade and the range in grades in the course in order to determine whether or not a curve of the final grades would be appropriate. The opportunities for additional points during the course (up to 8 for the field trips and up to 4 for the revised essay) may negate the necessity for curving the course.

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| <b>Lecture No.</b>  | <b>Date</b> | <b>Subject</b>   |
|---------------------|-------------|--|
| 1                   | 9/5         | Course introduction; course syllabus   |
| 2                   | 9/7         | Employment survey  |
| 3*                  | 9/12        | Global and National forest resources   |
| 4*                  | 9/14        | Forest Ownership   |
| 5*                  | 9/19        | Development of U.S. forest policy  |
| 6*                  | 9/21        | Development of U.S. forest policy  |
| 7*                  | 9/26        | Development of U.S. forest policy  |
| 8*                  | 9/28        | <b>Field trip</b> -7:45 a.m. Yorktowne Kitchens and PA Dept. of Conservation and Natural Resources                                 |
| 9*                  | 10/3        | Development of U.S. forest policy  |
| 10*                 | 10/5        | Urban Forestry   |
| 11*                 | 10/10       | Watershed Management   |
| 12                  | 10/12       | <b>Field trip</b> - 7:45 a.m. Kane Hardwood and Weyerhaeuser Industries  |
| 13*                 | 10/17       | National Park Service  |
| 14*                 | 10/19       | Forest regions/classifications of forest areas   |
| 15                  | 10/24       | First hourly exam  |
| 16**                | 10/26       | Economics of water, recreation, wildlife and timber  |
| 17**                | 10/31       | Forest health – disease <b>Essay due</b>   |
| 18**                | 11/2        | Forest health - insects  |
| 19**                | 11/7        | Wood processing and manufacture  |
| 20**                | 11/9        | Wood product properties and uses   |
| 21**                | 11/14       | Wood fiber products  |
| 22**                | 11/16       | USDA Forest Service  |
| <b>Thanksgiving</b> |             |  |
| 23**                | 11/28       | State and municipalities, industrial and private ownerships, consultants   |
| 24**                | 11/30       | Professional forestry and wood science organizations; graduate studies, resume, and internships                                    |
| 25**                | 12/5        | GPS/GIS  |
| 26**                | 12/7        | Wood Products Processing and Manufacturing option; Wood Products Marketing option; Wood Products minor; Forestry Management option |
| 27**                | 12/12       | Forestry Biology option; Urban Forestry option; Watershed Management option  |
| 28                  | 12/14       | Second hourly exam; Course Schedule Plan due   |

\*First Exam - \*\*Second Exam