

**FO 4231/6231
FOREST OPERATIONS
AND TIMBER HARVESTING
SUMMER 2007**

- INSTRUCTORS:** Dr. Laurie Grace
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- Dr. Bill Stuart
a305 Thompson Hall Phone: 325-0913
- COREQUISITE:** FO 3015
- COURSE DESCRIPTION:** Study of practical, managerial and logistical considerations associated with harvesting and other operations, as well as their social, environmental, and legal influence.
- OBJECTIVES:**
1. To introduce students to modern forest operations, harvesting practices, and forest products manufacturing
 2. To introduce and discuss the role of these activities in the forestry profession.
 3. To emphasize the role and responsibilities of the professional in production forestry
- COURSE EXPECTATIONS:**
Students in this class have a demonstrated interest in becoming professional foresters, and as such will behave professionally.
1. All assignments and tests will be the work product of the student turning them in to the instructor.
Copying, plagiarism and other forms of academic misconduct will not be tolerated and will be dealt with to the fullest extent the university's code of conduct will allow.
 2. Hats, caps, and other forms of head covering will be removed in the classroom, and in any office or other place of business we are invited to enter. They may be worn in plant environments where hard hats are not required.
 3. Clean field clothes and boots will be worn on all plant and site visits-no shorts. Bring safety glasses and hard hats if you have them. Safety orange vests are recommended.
 4. Spit cups will be kept off desks and tables, and used discretely when visiting operations and plants.
 5. We will be guests at all plants and operations visited. As such, the hosts are to be accorded respect and attention.
 - i. Gather around the speaker so he or she does not have to yell.
 - ii. Ask intelligent questions, and don't be afraid to enter into a mannerly discussion. Do not be confrontational.
 - iii. Avoid talking or wandering off while the host is talking.
 - iv. Stay together and respect safety railings, floor markings and warning signs. We will be visiting places of work, designed for work, not specifically visitor safety.
 - v. No horseplay-save it for the other 15 hours of the day.
 - vi. Be on time- departure times will be announced for the busses, and they will leave at that time.

Be observant. Transportation to and from locations provides an excellent opportunity to look at the land, land use, communities and social artifacts, all of which are important in developing the understanding that makes a true professional! On site, hosts only have time to point out the most rudimentary and visible aspects of their operation, take time to consider how they fit together and interact to make the practice or operation function.

REQUIRED EQUIPMENT: Students will provide and use their own hard hats, vests, and safety boots.

STUDENT RESPONSIBILITIES: Students are expected to conduct themselves in a professional manner. Much of the work in this course will be performed out of doors, and within groups. Students will act responsibly, cooperatively, safely, and with respect for fellow students, course instructors, and field tour hosts. ***Failure to do so may result in a grade reduction or dismissal (and failure) from the course.***

COURSE RULES:

Attendance is mandatory, and you are expected to arrive in class on time. Short quizzes, at the start of each class segment will be used to test comprehension of previous work and as a means of taking attendance. Be prepared!

Projects and exercises will be turned in on time. Ten percent of the project/exercise grade will be deducted for each 12 hours the assignment is late.

No “caps” will be worn in the classroom and no “spit cups/bottles” are allowed in the classroom or on the busses.

All students will ride the bus or vans.

Students will wear appropriate field clothing (shirt, long pants, and boots) for field exercises. Failure to do so will result in a failing grade for that exercise.

Hard hats will be worn when working in the field. **Failure to properly wear your hard hat on a working operation will result in an “F” for the course.** Failure to wear your hard hat on static visits will result in an “F” for the day.

Start time is 7:30 AM unless otherwise announced.

COURSE EVALUATION:

Daily reports – Each student will write a two page report or discussion paper on some element of each of the first four days’ activities, or a further exploration of topics or processes to which they were exposed. Papers are to be prepared in 12 pt. type, 1-inch margins, double spaced and consist of at least 50 lines of material. Papers are due at the beginning of class and will be graded on content, grammar, and organization.

A one hour final exam will be administered on July 13.

Class Grades will be assigned as follows:

Class Attendance, participation and department-	10%
Reports/Discussion Paper (4, 15% each)	60%
Final Exam	30%

TENTATIVE SCHEDULE – Forest Operations and Timber Harvesting Lab
(Subject to weather, quota, and other vagaries associated with Forest Operations)

Monday, July 9, 2007

8:00 AM 9:30– A208 Lecture—Orientation, Safety, Introduction

10:00 AM – Arrive at Starr Forest pavilion for forest tour w/ Charles Burkhardt

Afternoon--Georgia Pacific plywood plant (Louisville).

Evening session-Wood products, lumber manufacturing

Tuesday, July 10, 2007

7:30 AM - Meet at Thompson Hall annex for brief orientation

9:00 AM – Arrive at Barge Forest Products' Macon mill for mill (and possible woodlands) tour

Afternoon – Noland Hardwood, Gordo AL.

Evening—Wood Supply System

Wednesday, July 11, 2007

7:00 AM – Meet at Thompson Hall Annex

10:00 AM- Arrive at Westerveldt Alabama Operations

Forestry in transition – Clint Mancil

Mill Complex

Logging and Procurement Operations

Thursday, July 12, 2007

7:30 AM – Meet at Thompson Hall annex for brief orientation

10:00 AM – Arrive at Bowaters' Grenada newsprint mill for mill tour

12:00 Noon – Lunch

1:30 PM – Arrive at Georgia Pacific's Grenada Oriented Strand Board plant for mill tour

Friday, July 13, 2007

8:00 AM –Class 208 Thompson Hall Annex

11: 00 AM – Final Exam