

## Forestry Syllabus

### Course Description:

Forestry is the science of planting and managing forests for specific purposes such as timber production, conservation, environmental services and recreation. Students in this course will begin their studies with an in depth overview of living organisms found in our local Northwest forest. Once oriented to the complexities of the forest ecosystem, students will embark on a survey of all aspects involved in local forestry including various strategies for the management and harvest of trees, measurement of forest products, logging technology and wood production. All topics will be presented with a historical perspective, recognizing that forestry and the timber industry have been major players in shaping the local and state economy. Finally, students will utilize their forestry knowledge and skills to evaluate, discuss and propose solutions for a variety of issues currently debated throughout the state. It is highly recommended that upon finishing this course, students consider participating in the state FFA Forestry team competition in the spring.

The forestry course will cover the following topics:

1. The significance of forestry to Oregon's agriculture industry
2. Career pathways in Forestry
3. Forestry opportunities through FFA membership
4. Oregon's Forests
5. Dendrology
6. Forest ecology
7. Invasive species
8. History of forestry and timber industry in Oregon
9. Silviculture practices
10. Forest mensuration
11. Logging and reforestation
12. Forest Management
13. Laws that regulate the timber industry
14. Forest Products
15. Fire Ecology
16. Current forest management issues in Oregon

Class activities will include laboratory work, guest speakers, visits to local forests and timber operations and field studies within the forested areas on campus. Field trip attendance is mandatory – work completed during these trips cannot be made up.

### Materials Needed:

- 1.5 inch or large binder with five manila dividers. See binder handout for further instructions
- working writing utensils including pens and pencils

### Grading:

Trimester grades are dependent on:

60% tests, quizzes, projects and final exam

20% Homework and assignments

20% Lab, class and field activities (includes preparation for class)

**Letter grades will be determined by calculating of the percentage of points accumulated in each of the weighted categories above.**

## Homework Policy:

1. Students are expected to write down the daily homework assignment on their HW log in their binder.
2. Homework is due the day after it is assigned unless otherwise specified. Homework is only on time if it is presented when Ms. Dean checks/collects it.
3. **Homework is to be done individually**
4. Only completed homework done in **pen and on neat paper with clean edges** is accepted as on-time, full-credit HW – attempt every question/part of the HW – leave nothing blank.
5. **If you have not done your homework; please have an excuse note ready to be collected when HW is collected/checked off.**
6. Late homework is only accepted one day after the actual due date, late assignments only receive half credit (no credit if late assignments turned in incomplete)
7. If a student does not understand the HW they need to get help BEFORE the HW is due. Students can always email Ms. Dean in the evening and/or see her in the AM before school to get help.

## Absence Policy:

1. At all costs, don't miss class. It is required that if you have to be absent, call your lab partner/friend in class, or contact Ms. Dean online prior to your return to get missed assignments (or to at least find out what you need to take care of when you get back!)
2. In the case of absence due to illness, family emergency etc. see Ms. Dean **the day you return**, to arrange for make up work, tests, etc. Make sure you check your absence work folder and the posted HW log to obtain missed information.
3. If you show up to school the same day you miss biology you need to see Ms. Dean **that same day**.
4. Do not count on being able to make-up labs because you missed class. Make-up lab work is difficult due to expiration of materials and lab supervision. Pop quizzes cannot be made up.
5. For pre-planned absences (field trips in other classes, retreats, sports/drama/band obligations, etc.) it is the student's responsibility to Ms. Dean **prior to being absent** to obtain make up work

## Extra Credit Policy:

From time to time, some extra credit may be offered to those students who have turned in all homework assignments. In other words, extra credit can only be used to help boost low quiz/test scores....not to make up for missing assignments.

## Test Correction Policy:

If a student fails a test or announced quiz, they have the option to speak with Ms. Dean at lunch or after school on the **SAME DAY THE EXAM IS RETURNED** and arrange to correct the failed exam. This option will only be available to those students who have submitted all HW and lab assignments. Failed exam scores may only be increased up to 70% of total points. The quality of correction will determine how many points will be added to the original score. This correction option may not be used on consecutive exams

## Getting a hold of Ms. Dean:

phone message: 503-630-8515 x 2836

Email: [deank@estacada.k12.or.us](mailto:deank@estacada.k12.or.us)

Students can see me for help in Rm. 10 before school, after school, at lunch during my prep (5<sup>th</sup>) or by appointment. They can also access me online after school hours via email.