**Skyline High School**

**Horticulture**

**2013-14 School Year**

**Monday-Friday 2nd Period**

**Instructor**: Kristin Daku

**Room**: 522

**Office Hours:** 8 am – 4 pm

**Email**: dakukris@isu.edu; dakukris@d91.k12.id.us

**Course Description**: This course is designed to develop knowledge and skills in the following areas: Basic botany,

classification & identifying horticultural plants; using soil and other plant growing media; propagating

horticultural plants; basics of growing horticultural plants in greenhouse and landscape settings; pest management & landscape maintenance. Improving workplace skills will be a focus. Due to the nature of this course and the practical experience required we will be spending a considerable amount of time working outside. It is imperative students have a good set of gardening gloves, wear closed toed shoes, and have a jacket available on lab days (noted in the schedule but subject to change due to weather conditions).

Course Website: [www.dakuscience.weebly.com](http://www.dakuscience.weebly.com)

Course Objectives:

* Students will be able to describe and demonstrate planting and care of woody plants ( trees, shrubs, and vines) in the landscape
* Students will be able to describe cultural and pest problems of woody plants
* Students will gain practical experience in plant propagation and growth as well as plant maintenance

Expectations and Procedures:

* Be in class on time and ready to learn. Class participation is critical to meeting the learning goals of this course.
* Students will be assigned detention (which entails a chore/job I need done) if you have more than 3 unexcused tardies.
* No food or beverages in the classroom unless we have discussed it and determined it is acceptable.
* Do not interfere with others learning.
* Cursing is NOT professional language. Disrespect to the teacher or fellow students is also NOT professional.
* *WORK HARD EVERY DAY.*
* Take excellent notes, especially examples. These will be your best resources for studying for the tests & exams.
* We will walk to and from the greenhouse efficiently as a class.
* Prepare all assignments in a legible and timely manner. Late assignments will be evaluated at reduced credit. Late assignments will not be accepted for credit more than 1 week past the original due date, unless other arrangements have been made. It is the students responsibility to turn in late work at an appropriate time.
* Follow all instructions given for safety. Use your best judgment when using tools or equipment. Failure to do so may result in loss of credit for the day.
* Treat all lab equipment with care. Students may be responsible for the cost of replacing materials damaged through misuse or negligence.
* No electronic devices allowed to be used during class. They should be turned off at all times

Required Materials***:***

* Pencil/pen
* Paper
* three-ring binder
* gloves
* Notes for current and past lectures.

Grading:

The official district grading system will be used to assign final grades. The grading system and approximate assignment values are as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Percentage** | **Letter Grade** |  | **Assignment** | **Percentage of final grade** |
| 90-100% | A- to A+  |  | Exams | 65% |
| 80-89% | B- to B+  |  | Homework/ Quizzes | 15% |
| 70-79%  | C- to C+ |  | Labs | 5% |
| 60-69% | D- to D+ |  | Final Project | 15% |
| < 60% | F |  | **Total**  | 100% |
|  |  |  |  |  |

 *\*Remember I don’t assign grades, you earn them\**

# Laboratory Activities:

Many of the laboratory activities involve completing landscape practices that may require physical exertion and getting dirty. For this reason, you are EXPECTED to wear clothes that will protect you and can get dirty. You are also EXPECTED to wear work shoes or boots that will permit you to dig or complete landscape work while protecting your feet. You are EXPECTED to wear work gloves for completing landscape work. Failure to wear proper shoes and clothes (including a coat or jacket) for landscape work will prevent you from participating in the lab for that day. Two lab days without participating will cause a loss of all 50 points for lab participation.

Academic Honesty:

You should know this by know…plagiarism is wrong, cheating is also wrong. Cheating and/or plagiarism will earn an automatic 0 with no possibilities of a retake or alternate assignment.

Absences**:**

*“*[*Eighty percent of success is just showing up.”*](http://www.brainyquote.com/quotes/quotes/w/woodyallen145883.html)Attendance is imperative in this course. We will be covering a large amount of material each day. Students with verified absences will have two days for each day missed to make up labs, class work, and tests. Late and missing work will not be accepted otherwise. **YOU WILL NOT PASS IF YOU DON’T COME TO CLASS ON TIME.**

I am always available to both students and parents to discuss grades or other matters. Please feel free to contact me at the school (525-7770) or via email at: dakukris@d91.k12.id.us

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| Tentative Course Schedule |
| Week | Lecture | Lab |
| March 11- 14 | Woody plant growth | Clean greenhouse |
| March 17-21 | Pruning landscape plants | Pruning |
| March 24-28 | Spring Break | No School |
| March 31-April 4 | Soil preparation | Soil mixing |
| April 7-11 | Propagation | Cutting |
| April 14-18 | Propagation | Planting seeds |
| April 21-25 | Planting | Green house maintenance |
| April 28- May 2 | Watering  | Green house maintenance |
| May 5-9 | Fertilizing | Green house maintenance |
| May 12-16 | Climate | Green house maintenance |
| May 19-23 | Diagnosing plant problems | Green house maintenance |
| May 26-30 | Diagnosing plant problems | Green house maintenance |
|  | Memorial Day | No School |
| June 2-5 | Final Project | Final Project |