

CAREERS IN NATURAL RESOURCES

Course Syllabus

Mrs. Loeffler - Room 22

Contact Information: 503-842-2566 ext. 2140

loefflerl@tillamook.k12.or.us

Homework Blog: <http://loefflerths.blogspot.com>

Course Overview: Natural Resources related careers are a growing field that includes so much more than just logging. Careers in Natural Resources will explore opportunities for careers that are high wage, high demand in the field of Natural Resources open to all types of students. This course will include guest speakers who have these careers, workplace visits, career surveys, higher education opportunities and personal goal setting in order to set a course to work in this ever growing field. This introductory course will allow students to explore if participation in our Natural Resources series of classes is for them.

Textbook: There is no formal textbook for this course. All materials will be accessed via the internet or through handouts provided in class. All work will be done in Google Classroom.

Grading: Point values will be assigned for each assignment. Homework is expected to be completed by the next class period unless specified differently. Due dates will be posted on the homework blog and written on the board in class. Standard Grading Scale applies.

Late/Make-up Work Policy: Any work not turned in on the due date is late. **LATE WORK IS NOT ACCEPTED.** Students who are absent are responsible to check blog for assignments. Extra-curricular activities are not considered excused absences and as such work needs to be completed and turned in prior to the absence. Excused absences have one day per day absent to make up work for non-school related absences.

Student Folders/Student Number: Students will be assigned a student number for the class. Their student number **MUST** appear on every assignment and assessment to receive full credit. All papers handed back will be placed in their student folder and students are expected to check that folder on a regular basis.

Cell Phone Policy: Cell Phones are not allowed during class time, even on field trips. See school policy for more information on this policy.

Classroom Expectations, The 6 P's:

1. **Prompt:** Be in class on time
2. **Prepared:** Come ready to work, mentally, physically, and emotionally
3. **Polite:** Treat everyone with dignity and respect
4. **P.M.A.:** Keep a Positive Mental Attitude
5. **Participate:** Education, especially in science, is an active endeavor, take a proactive role
6. **Produce:** What you get out of class is determined by what you put in, you have to accomplish something

Classroom Rules and Procedures:

1. You are expected to **LISTEN** and follow directions of the instructor.
2. Restroom Visits are allowed on an emergency basis with the classroom pass.
3. Earbuds and headphones are to be used only with instructor permission.
4. Food is only allowed with instructor permission.
5. Water is allowed in a closable container - no other beverages.

Course Notebook/Supplies: Paper to take notes, binder to keep supplies, a binder/notebook for portfolio, pen/pencil

Field Trips: This course **requires** field trips., including a job shadow of a working professional. Students will be notified with as much advance notice as possible for field trip dates, required clothing and if a lunch will be required. If the student is unable to attend required field trips, this will affect their lab and participation grades for this course. Any issues regarding field trips needs to be brought to Mrs. Loeffler's attention as soon as possible for the possibility of an alternative assignment/assessment. Field trips will be tied to in class work and are required in order to complete the final exam for this course.

ADA Statement: Students who have a documented physical disability and require a classroom adjustment or accommodation should contact the Disabilities Coordinator/Academic Advisor and provide the Approved Academic Accommodation form to the Instructor. Any student who needs accommodation for a disability is encouraged to speak to their guidance counselor and class teachers as early into the academic term as possible.

Academic Integrity Policy: Students of Tillamook High School are expected to behave as responsible members of the community and to be honest and ethical in their academic work. Tillamook High strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society as educated adults. To falsify or fabricate the results of one's research; to present the words, ideas, data, or work of another as one's own; or to cheat on an examination corrupts the essential process of higher education.

Applicable Standards: Please refer to the ODE website for a list of the adopted NGSS standards for Oregon that apply to any of our THS science courses. <http://www.ode.state.or.us/search/page/?id=1577>

Oregon Diploma Essential Skills:

1. Read and comprehend a variety of text
 2. Write clearly and accurately
 3. Listen actively and speak clearly and coherently
 4. Think critically and analytically
 5. Apply mathematics in a variety of settings
 6. Use technology to learn and work.
 7. Demonstrate global literacy
 8. Demonstrate personal management and teamwork skills
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****PLEASE REVIEW AND SIGN THIS PAGE AND RETURN TO Mrs. Loeffler - THIS IS YOUR FIRST ASSIGNMENT DUE TOMORROW* Please detach this page only from your syllabus and turn this page only in. Keep your syllabus in your class notebook.**

I _____ have read and understand the class syllabus for **Careers in Natural Resources Class** for the 2019 -2020 school year.

Student Signature

Date

Parent/Guardian Name (print): _____

Best Method to contact Parent/Guardian: _____ **Phone** _____ **email**

Phone Number: _____

Email Address: _____

By signing below, parent/guardian acknowledges they have read the syllabus and provided the best contact information above in the event Mrs. Loeffler seeks to make contact with parent/guardian during the academic term.

Parent Signature

Date

Chemistry
Course Syllabus
Mrs. Loeffler – Room 22

Contact Information: 503-842-2566 ext. 2140 loefflerl@tillamook.k12.or.us

Homework Blog: <http://loefflerths.blogspot.com>

Course Overview: This is a two trimester with optional third trimester high school chemistry class including laboratory experiments. Subjects that are covered include: matter, stoichiometry, gases, thermodynamics, atomic structure, the periodic table, chemical bonds, metals, nonmetals, solutions, chemical kinetics, and organic chemistry. This class will not only give an excellent knowledge of chemistry principles, but will also highlight an understanding of the practical applications of chemistry to everyday life.

Textbook: *A Natural Approach to Chemistry*, 2 ed. Hsu, Chaniotakis, Carlisle, Damelin. Students will have a hard copy of the textbook to use in class, and an online textbook for access outside of class. Hard copy textbooks are not to leave the classroom. If no online access is available outside the classroom, see teacher for alternatives.

Grading: Point values will be assigned for each assignment. Standard Grading Scale applies.

Late/Make-up Work Policy: **Any work not turned in on the due date is late. Late work is not accepted past the end of the school day on the day it is due.** Students who are absent are responsible to check my blog for assignments. Extra-curricular activities are not considered excused absences and as such work needs to be completed and turned in prior to the absence. Excused absences not pre-aware give makeup time one day per day of excused absence only, unless other arrangements are made with the instructor ahead of time.

Student Folders/Student Number: Students will be assigned a student number for the class. Their student number **MUST** appear on every assignment and assessment to receive full credit. All papers handed back will be placed in their student folder and students are expected to check that folder on a regular basis.

Cell Phone Policy: Cell Phones are not allowed during class time. See school policy for more information on this. If your phone is out, I will take it.

Classroom Expectations: The 6 P's

- 1. Prompt: Be in class on time**
- 2. Prepared: Come ready to work, mentally, physically, and emotionally**
- 3. Polite: Treat everyone with dignity and respect**
- 4. P.M.A.: Keep a Positive Mental Attitude**
- 5. Participate: Education, especially in science, is an active endeavor, take a proactive role**
- 6. Produce: What you get out of class is determined by what you put in, you have to accomplish something.**

Classroom Rules and Procedures:

1. You are expected to **LISTEN** and follow the directions of the instructor.
2. **Lab SAFETY and PROCEDURES** will be followed at all times.
3. No Food or beverages allowed in this lab at any time.
4. Earbuds and headphones are not to be used without instructor permission.
5. Restroom Visits should be kept to emergencies only, and the classroom pass it to be used.

Course Notebook/Supplies: Students need to have for class:

1. 3 Ring notebook to keep all class materials/papers.
2. Paper – three ring filler paper, or clean tear spiral notebook for work and note-taking.
3. Pen, Pencil and good eraser
4. **REQUIRED:** Calculator capable of doing scientific notation (may not be a cell phone/ipod) I recommend the **CASIO fx-300** (approx. \$15) for those that do not have one. Any of the calculators used for Math courses - Texas Instruments etc. are just fine. It is the student's responsibility to know how to use the scientific notation functions and exponential functions on their calculators. All are different and require different ways of inputting data to get the correct answers. Tutorials are usually available on YouTube for your specific calculator.

Lab: Chemistry is a laboratory science class and therefore requires special preparation and attention to make the session safe for the student, classmates and instructor. Laboratory sessions are not a time for horseplay. Students and parents will be required to read and sign a safety contract. Also, most laboratory sessions are **not available for make-up**. All students will be excused from one lab per trimester if they are absent for a laboratory class (maximum of 25 points). So, this allows for one absence with no penalty to the trimester grade. Any other missed laboratory sessions will remain as zero points as would any other missed assignment. Special circumstances will be taken into consideration and dealt with on a case by case basis. Students are encouraged to advise the teacher a few days ahead of time of upcoming events that would require them to miss a laboratory session.

ADA Statement: Students who have a documented physical disability and require a classroom adjustment or accommodation should contact the Disabilities Coordinator/Academic Advisor and provide the Approved Academic Accommodation form to the Instructor. Any student who needs accommodation for a disability is encouraged to speak to their guidance counselor and class teachers as early into the academic term as possible.

Academic Integrity Policy: Students of Tillamook High School are expected to behave as responsible members of the community and to be honest and ethical in their academic work. Tillamook High strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society as educated adults. To falsify or fabricate the results of one's research; to present the words, ideas, data, or work of another as one's own; or to cheat on an examination corrupts the essential process of higher education.

Applicable Standards: Please refer to the ODE website for a list of the adopted NGSS standards for Oregon that apply to any of our THS science courses. <http://www.ode.state.or.us/search/page/?id=1577>

Oregon Diploma Essential Skills:

1. Read and comprehend a variety of text
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 6. Use technology to learn and work.
 7. Demonstrate global literacy
 8. Demonstrate personal management and teamwork skills
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****PLEASE REVIEW AND SIGN THIS PAGE AND RETURN TO Mrs. Loeffler - THIS IS YOUR FIRST ASSIGNMENT DUE TOMORROW*
Please detach this page and turn only this page into the basket when you enter class tomorrow.**

I _____ have read and understand the class syllabus for Chemistry A/B for the 2019-2020 school year.

Student Signature

Date

Parent/Guardian Name (print): _____

Best Method to contact Parent/Guardian: _____ Phone _____ Email

Phone Number: _____

Email: _____

By signing below, parent/guardian acknowledges they have read the syllabus and provided the best contact information above in the event Mrs. Loeffler seeks to make contact with parent/guardian during the academic term.

Parent Signature

Date

Chemistry C
Course Syllabus
Mrs. Loeffler – Room 22

Contact Information: 503-842-2566 ext. 2140 loefflerl@tillamook.k12.or.us

Homework Blog: <http://loefflerths.blogspot.com>

Course Overview: This is a continuation of chemistry A/B including laboratory experiments. Subjects that are covered include: matter, stoichiometry, gases, thermodynamics, atomic structure, the periodic table, chemical bonds, metals, nonmetals, solutions, chemical kinetics, and organic chemistry. This class will not only give an excellent knowledge of chemistry principles, but will also highlight an understanding of the practical applications of chemistry to everyday life. Students will also complete an independent project/experiment applying the information learned through all three trimesters of high school chemistry.

Pre-requisites: Chemistry A and Chemistry B

Textbook: There is not a formal textbook for this course. All materials will be accessed via the internet or through handouts provided in class. There is a textbook that can be used for reference as needed in the classroom, but will not be the text instruction occurs from.

Grading: Point values will be assigned for each assignment. Homework is expected to be completed by the next class period unless specified differently. Due dates will be posted on the homework blog and written on the board in class. Standard Grading Scale applies.

Late Work/Make-up Work Policy: **Any work not turned into the basket at the beginning of class on the due date is late. Late work will be accepted with a minimum 50% percent penalty** unless due to EXCUSED absence. Students who are absent are responsible to check their student folder for make-up assignments, check the course blog and/or check with the instructor on the day they return for make-up work and due dates. Work due the day they are absent is expected to be turned in the day they return to class. Work assigned while absent will be due within 2 days from the date of absence unless other arrangements are made with the instructor for special circumstances. Extra-curricular activities are not considered excused absences and as such work needs to be completed and turned in prior to the absence. There will be a final cut-off date for all late work the week before final exams.

Student Folders/Student Number: Students will be assigned a student number for the class. Their student number **MUST** appear on every assignment and assessment to receive full credit. All papers handed back will be placed in their student folder and students are expected to check that folder on a regular basis.

Cell Phone Policy: Please see the handbook for school policy on cell phones in the classroom.

Classroom Rules and Procedures:

1. You are expected to be **ON TIME** to class.
2. You are expected to **LISTEN** and follow directions of the instructor.
3. You are expected to **Treat Others with RESPECT and Courtesy.**
4. **Lab SAFETY and PROCEDURES** will be followed at all times.
5. No Food or beverages allowed in this lab at any time.
6. Earbuds and headphones are not to be used without instructor permission.
7. Restroom Visits should be kept to emergencies only, and the classroom pass it to be used.

Course Notebook/Supplies: Students will have the following materials in class every day. Students need to have for class:

1. 3 Ring notebook to keep all class materials/papers.
2. Paper – three ring filler paper, or clean tear spiral notebook for work and note-taking.
3. Pen, Pencil and good eraser
4. Course Lab Notebook (this will be provided to the student)
5. **REQUIRED:** Calculator capable of doing scientific notation (may not be a cell phone/ipod) I recommend the **CASIO fx-300** (approx. \$15) for those that do not have one. Any of the calculators used for Math courses - Texas Instruments etc. are just fine. It is the student's responsibility to know how to use the scientific notation functions and exponential functions on their calculators. All are different and require different ways of inputting data to get the correct answers. Tutorials are usually available on YouTube for your specific calculator.

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5. Apply mathematics in a variety of settings
6. Use technology to learn and work.
7. Demonstrate global literacy
8. Demonstrate personal management and teamwork skills

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Please detach this page and turn only this page into the basket when you enter class tomorrow.**

I _____ have read and understand the class syllabus for Chemistry C for the 2019-2020 school year.

Student Signature

Date

Parent Signature

Date

Syllabus

ESR 171 Environmental Science: Biological Perspectives -- 4 Credits Advanced Natural Resources A

Instructor: Lori Loeffler
Office: Room 22 at THS, office hours by appointment
Phone: 503-842-2566 ext. 2140
E-mail: loefflerl@tillamook.k12.or.us
Blog: <http://loefflerths.blogspot.com>

Course Description: Develops an understanding of environmental topics that are primarily biological in nature. Includes human population issues, matter and energy resources, ecosystems, environmental ethics, and food and land resources. The associated laboratories will illustrate these topics. Prerequisites: WR 115, RD 115 and MTH 20 or placement above these levels.

TBCC Email: We will use electronic communication methods to conduct official and legal College business. Students are responsible to check their school email and MyTBCC for information from the College.

Please Note: *If you consider dropping a class, please talk with your instructors first. If you don't attend classes, you may lose your financial aid. You may only attend this course if you have registered. If you are not able to attend, you must drop the course through Student Services. In order for you to get a refund, you must drop before the deadline in the class schedule. If you stop attending the class without dropping, then you may receive a failing grade.*

Attendance: **Attendance is required and is a main determinant for passing this course.** Our laboratory activities, in particular, are based on in-class participation. You will not be able to make up any laboratory activities missed unless you have an excused absence.

Course Learning Outcomes: A student will be able to collaboratively and independently:

- Express graphically, orally or in writing form, basic elements and functions of ecosystems.
- Identify and express interactions of humans and the environment.
- Utilize field and laboratory methods/technologies to measure and describe ecosystems.
- Demonstrate an understanding of ecosystem functioning and human effects upon ecosystems.

Program Learning Outcomes: Students who successfully complete the AAS in Agriculture and Natural Resources should be prepared to:

- Communicate effectively, both in writing and orally, agriculture and natural resources concepts
- Fit into a business, agency, or academic setting and use concepts from agriculture and related field to quantify and analyze issues and problems
- Perform critical reasoning, perceive assumptions, and make judgments based on the basic principles of agriculture, natural resources, and related fields
- Exhibit critical thinking skills when addressing issues in agriculture, natural resources, and related fields
- Compete in the seasonal or entry-level job market and/or continue education in agriculture, natural resources, and related fields

Institutional Learning Outcomes: Students who complete ESR 171 will be able to:

- Analyze and evaluate information to address issues and solve problems
- Work ethically, effectively, and efficiently as individuals or as members of a team.
- **Be informed participants in the community, the nation, and the world.**

- Participate in groups: listen, reflect, and respond effectively.
- Demonstrate the knowledge, skills, and professional attitude necessary to enter and succeed in a defined profession or advanced academic program.

Competencies and Skills:

- Energy flow and matter transformation within biological systems
- Carbon cycle
- Fundamentals of ecosystems
- Human Impacts on biologic systems

Instructional Materials: We will be using two different textbooks for this course. Both will be online texts, one and open resource textbook and the other from a standard textbook company. Links to both of these will be available on our Google Classroom page for this class with log in instructions if needed.

Readings from the text will be supplemented without outside readings posted on My Homework Page of my blog.

Grading:

90—100%	A
80—89.9%	B
70—79.9%	C
60—69.9%	D
Below 59.9%	F

Attendance is required. Attendance recorded by a submission of the in-class exercises completed during class.

Please let me know if you are unable to attend class. Class grades will be based on:

- (1) Essay, short and multiple choice exams.
- (2) Write-ups of field and laboratory experiences.
- (3) Research paper on environmental topic.
- (4) Oral presentation with accompanying Visual/graphical representations.
- (5) In-class exercises in both lecture and laboratory.
- (6) Laboratory quizzes.

See below under Course Requirements and on Moodle for assignments.

Students must complete all assignments on time and get at least 60% of the points in order to pass the class. If for any reason you are unable to complete an assignment on time, you must contact me, preferably prior to the due date. **For any late assignments, you will lose 10% of your points on that assignment for each day past the due date.**

Course Requirements:

		Total Point s	Total Percentage of Grade
Lecture	Exam #1	120	40%
	Exam #2	120	
	In-Class Lecture Exercises	80	
Laboratory	In-Class Laboratory Exercises	160	40%
	Laboratory Write-Ups	40	

	Laboratory Quizzes(10 x 4 pts each)	40	
	Final Lab Term Project/Presentation	80	
Lecture and Laboratory	Final Exam	160	20%
	Total	800	100%

Flexibility Statement: This is a tentative course outline. Specific topics and dates are subject to change throughout the term. All changes will be shared in class, on the blog and on Moodle.

Tentative Schedule by Week/Day and Date:

Week	Dates	Topic	Pre-Class Reading
1		LECTURE: <ul style="list-style-type: none"> Intro to course: syllabus, format of course, overview of OER text LAB: <ul style="list-style-type: none"> 1.1: Planet Earth 1.2: Moon Landing 1.3: Group Contract 	LAB: Read pages 4-12
1		LECTURE: <ul style="list-style-type: none"> Scientific method, hypothesis creation Final lab project/presentation details LAB: <ul style="list-style-type: none"> Quiz 1.4: Scientific method 1.5: Creating graphs 	LAB: Read pages 13-30 in lab manual
2		LECTURE: <ul style="list-style-type: none"> Environmental Science overview Ecosystems: What are they and how do they work? Biodiversity and Evolution Humans and the Environment (Case Study) 	LECTURE: In your text, read Overarching Themes: 1-2
2		LAB: <ul style="list-style-type: none"> Quiz 2.1: Ecological footprints 2.2: Using Science Direct to find journal articles 2.3: How to read a scientific article 	LAB: Read pages 31-46 in lab manual
3		LECTURE: <ul style="list-style-type: none"> Human population and urbanization Resource Conservation and Recovery Act Land use and degradation (land-water connection) 	LECTURE: In your text, read Overarching Themes: 3-4 Land Use and Degradation: 1
Winter Break			
4		LAB: <ul style="list-style-type: none"> Quiz 5.1 Air Pollution Lab DUE: Topic idea 	LAB: Read pages 60-65 in lab manual
4		LECTURE: <ul style="list-style-type: none"> Species, populations Food webs and trophic structure Carbon cycle LAB: <ul style="list-style-type: none"> Quiz 6.1 Sea-Level Rise 	Primack Reading—posted on Moodle LAB: Read pages 66-69 in lab manual
4	January 10	EXAM #1 (Lecture only)	
5		LECTURE: <ul style="list-style-type: none"> Air pollution and Clean Air Act Atmospheric structure LAB: <ul style="list-style-type: none"> Quiz 6.2 Ocean Acidification Lab 	LECTURE: In your text, read Air Pollution and Ozone Depletion: 1-2 LAB: Read pages 70-71 in lab manual

5		LECTURE: <ul style="list-style-type: none"> ● Global climate change--evidence ● Climate change and biological effects ● Case study 	LECTURE: In your text, read Global Environmental Issues: Climate Change:1-5
6		LAB: <ul style="list-style-type: none"> ● Quiz ● 7.1 Aquatic Invertebrates as Bio-Indicators ● DUE: Annotated reference list 	LAB: Read pages 72-81 in lab manual
7		LECTURE: <ul style="list-style-type: none"> ● Hydrologic cycle ● Water resources and water pollution and Clean Water Act LAB: <ul style="list-style-type: none"> ● Quiz ● 7.2 Tragedy of the Commons 	LECTURE: In your text, read Water Issues: Groundwater: 1 LAB: Read pages 82-85 in lab manual
7		LECTURE: <ul style="list-style-type: none"> ● Coastal environmental issues and degradation ● Coastal fisheries ● Exam Review LAB: <ul style="list-style-type: none"> ● Quiz ● Field Trip - TCCA Wetland Monitoring 	LECTURE: In your text, read Coastal Environmental Issues and Degradation: 1-8
8		EXAM #2 (Lecture only)	
8		LECTURE: <ul style="list-style-type: none"> ● Forest biology ● Succession 	LECTURE: Reading TBA (posted on blog)
9		LECTURE: <ul style="list-style-type: none"> ● Soil biology ● Food systems ● Pest management ● Dirt! The movie ● DUE: Draft PowerPoint slides for final presentation 	LECTURE: Reading TBA (posted on blog)
10		LECTURE: <ul style="list-style-type: none"> ● Environmental health and human health ● Case Study ● Final exam review 	LECTURE: Reading TBA (posted on blog)
10		LAB: <ul style="list-style-type: none"> ● DUE: Final presentations, term papers ● Peer evaluations ● Class evaluations ● Final Exam Review 	
FINAL		FINAL EXAM (Lecture and Lab)	

ADA Statement:

Students who have a documented disability and require a classroom adjustment or accommodation should contact the Disabilities Coordinator/Career Education Advisor and provide the Approved Academic Accommodation form to the Instructor.

Academic Support Statement:

The Learning Center provides assistance to students with writing and math assignments. Hours are posted in the Library and classrooms. Peer tutors are available to assist students in a variety of subjects. Contact the Library for more information on peer tutoring.

Class Registration Statement:

Students may attend this course only if registered. Students who are unable to attend must drop the course through Student Services. To have tuition charges removed, the course must be dropped by the student before the drop with refund deadline in the Class Schedule. Students who never attend, or stop attending, without dropping may receive a NS, W, or F and will be required to pay for the course.

Grading Options Statement:

Students taking credit classes can choose between receiving traditional letter grades (A-F) and Pass/No Pass (P/NP) if the department has permitted both options for a course. *If you do not select a grading option*, you will automatically have the default grading option for that course. The default option is generally a letter grade, but could be pass/no pass. You can change your grading option through Student Services up until the eighth week of the term (for an eleven-week course). The only grading option available for each student is the one the student submitted during the selection timeframe. With the instructor's written permission, some courses may allow students to attend a course without receiving a grade or credit for the course. In order to Audit a class, you must return a signed form to Student Services. Your request must be processed by Student Services by the drop deadline for the course. You cannot opt into or out of (i.e. change your grading option from audit to a letter grade) after the drop deadline. Auditing a course does not satisfy requirements for entry into courses where prerequisites are specified.

Academic Integrity/Student Conduct Statement:

Students of Tillamook Bay Community College are expected to behave as responsible members of the College community while on campus and to be honest, ethical, and professional in their behavior and academic work. Tillamook Bay Community College strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society and careers as educated adults. Respect for others and behavior appropriate for a professional and educational environment is required of all. Behavior that violates the Code of Student Conduct, including any behavior disruptive to the educational process, is subject to disciplinary action. To falsify or fabricate the results of one's research; to present the words, ideas, data, or work of another as one's own; or to cheat on an examination is dishonest and corrupts the essential process of higher education. Academic dishonesty is also subject to disciplinary action. The full text of TBCC's Code of Student Conduct and Academic Integrity Policy can be found in the Student Rights and Responsibilities section of the TBCC Catalog.

Technology Statement: Most students need the following in order to take courses at TBCC. You are still encouraged to take this class, but if you lack technical or skill knowledge, please see me after class or make an appointment so that we can talk.

Technical (need):

1. Access to a computer (at home, school, or work) which you can use for extended periods of time.
2. Broadband internet access (cable modem, DSL, or other high speed).
3. Firefox 3.0 or later or Internet Explorer 7 or later. Safari and Chrome also work.
4. Permission/ability to install plug-ins or class software (e.g. Adobe Reader or Flash).
5. Highly recommended: up-to-date anti-virus software. If you are using your own computer check out the free anti-virus program at www.Avast.com.

Skills (ability):

1. Navigate web sites, including downloading and reading files from web sites.
2. Download and install software or plug-ins such as Adobe Reader or Flash.
3. Use email, including attaching and downloading documents/files from emails.
4. Save files in commonly used word processing formats (.doc, .docx, .rtf).
5. Copy and paste text and other items on a computer.
6. Save and retrieve documents and files on your computer.

7. Locate information on the internet using search engines.

Optional Categories – *any additional information regarding course content, campus resources, equal opportunity statement, course bibliography, etc.*

Syllabus
FOR 111 – Introduction to Forestry (3cr.)
Spring, 2020

Instructor: Lori Loeffler
Office: Office hours are by appointment only
Phone: 503-842-2566 ext. 2140
E-mail: loefflerl@tillamook.k12.or.us

Course Description:

Forest resources in the world; forests and human well-being; where and how forests grow; environmental and human values; products, characteristics, and uses; basic elements of use, planning and management. Interpretation of forestry literature; professional origins in the U.S. Field trips required.

Addendum to Course Description:

This course is intended to articulate to Oregon State University (OSU) as FOR 111.

Introduction to forestry is designed to give students a broad overview of forests and the forestry profession. The course will attempt to provide broad exposure to a range of issues faced by forestry resource professionals, including the services and products from these forests, environmental and human values, and basic elements of use, planning and management. The course will provide an overview of forest attributes and issues worldwide with emphasis on the United States and particularly the Pacific Northwest.

TBCC Email:

TBCC will use electronic communication methods to conduct official and legal College business. Students are responsible to check their TBCC email and the TBCC student portal (MyTBCC) for information from the College.

Please Note:

If you consider dropping a class, please talk with your instructor first. If you don't attend classes, you may lose your financial aid. You may only attend this course if you have registered. If you are not able to attend, you must drop the course through Student Services. In order for you to get a refund, you must drop before the deadline in the class schedule. If you stop attending the class without dropping, then you may receive a failing grade.

Course Learning Outcomes:

1. Understand and describe why societies value forests and their multiple products and the role of forests in the US and world.
2. Explain the basic elements of complex forest ecosystems and the implications of this complexity for the management and protection of these forests.
3. Know the broad regulatory environments and social frameworks in which forestry is practiced, such as the general laws and customs we have to regulate and direct forest use and why we have them.
4. Understand management technology, practices and methods used by different owners to ensure sustained availability of the forest's many products and services for society over time.

Program Learning Outcomes: Students who successfully complete the AAS in Agriculture and Natural Resources should be prepared to:

1. Fit into a business, agency, or academic setting and use concepts from agriculture and related field to quantify and analyze issues and problems.
2. Communicate effectively, both in writing and orally, agriculture and natural resources concepts.
3. Exhibit critical thinking skills when addressing issues in agriculture, natural resources, and related fields.

Competencies and Skills:

- Land Ethics, Stewardship, and Conservation
- Forest Biology, Ecology, and Silviculture
- Fish and Wildlife Habitats
- Social & Recreational Values of Forests
- Forest Types and Measurements
- Forest Planning and Economics
- Forest Operations (Harvesting, Roads, Other Practices)
- Environmental Protection (Soils, Water, Vegetation)
- Wood Science, Properties, and Technology
- Forest Policy
- Challenges Facing Forests and People
- Career Paths

Instructional Materials:

Young, R.A. and R.L. Giese (editors). 2002. Introduction to Forest Ecosystem Science and Management, 3rd Edition. 584 p. (Most of the quiz and exam questions will be covered in lecture, but additional questions may be pulled from readings.)

Leopold, Aldo. 1986. A Sand County Almanac: With Essays on Conservation from Round River. Random House. 296 p. (optional text. Quiz and exam material will be covered in lecture.)

* Additional supplemental readings will be posted to the class website.

Course Requirements:

Grades will be based upon:

- 1) 8 weekly quizzes (10 pts. each)
- 2) 5 lab assignments (25 pts. each)
- 3) Mid-term exam (100 pts.)
- 4) Final exam (100 pts.)

Grading:

The course has a total of 405 points possible with grades being administered as follows:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	<60%

Quizzes:

Quizzes will be given at the beginning of class. They will consist of multiple choice and short answer questions. The dates for quizzes are marked with “*” before the lecture topic in the daily schedule.

Labs & Assignments:

Lab assignments will be issued during the respective lab period. Labs are required for this course, and are not available for makeup. As we live in the PNW labs will be held rain, hail, or shine.

What to bring/wear:

- Boots
- Long sleeves
- Long pants
- Lunch and water
- Pen/pencil
- Paper (Write-in rain notebooks work great)

Grades for late lab assignments are as follows:

- Minus 2.5 points (e.g., 25/25(100%) = 22.5/25(90%), etc.) if turned in during lecture after due date
- No credit if turned in later than 48 hours of due date

Exams:

Exams will cover lecture and reading material. The mid-term exam and final exam will be of the same format. They will consist of multiple choice and short answer questions. **The final exam will not be cumulative.** It will cover material from the mid-term through the end of the course.

Extra Credit:

Extra credit may be given at my discretion to the entire class.

ADA Statement:

Students who have a documented disability and require a classroom adjustment or accommodation should contact the Disabilities Coordinator/Career Education Advisor and provide the Approved Academic Accommodation form to the Instructor.

Academic Support Statement:

The Learning Center provides assistance to students with writing and math assignments. Hours are posted in the Library and classrooms. Peer tutors are available to assist students in a variety of subjects. Contact the Library for more information on peer tutoring.

Class Registration Statement:

Students may attend this course only if registered. Students who are unable to attend must drop the course through Student Services. To have tuition charges removed, the course must be dropped by the student before the drop with refund deadline in the Class Schedule. Students who never attend, or stop attending, without dropping may receive a NS, W, or F and will be required to pay for the course.

Grading Options Statement:

Students taking credit classes can choose between receiving traditional letter grades (A-F) and Pass/No Pass (P/NP) if the department has permitted both options for a course. *If you do not select a grading option*, you will automatically have the default grading option for that course. The default option is generally a letter grade, but could be pass/no pass. You can change your grading option through Student Services up until the eighth week of the term (for an eleven-week course). The only grading option available for each student is the one the student submitted during the selection timeframe. With the instructor's written permission, some courses may allow students to attend a course without receiving a grade or credit for the course. In order to Audit a class, you must return a signed form to Student Services. Your request must be processed by Student Services by the drop deadline for the course. You cannot opt

into or out of (i.e. change your grading option from audit to a letter grade) after the drop deadline. Auditing a course does not satisfy requirements for entry into courses where prerequisites are specified.

Academic Integrity/Student Conduct Statement:

Students of Tillamook Bay Community College are expected to behave as responsible members of the College community while on campus and to be honest, ethical, and professional in their behavior and academic work. Tillamook Bay Community College strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society and careers as educated adults. Respect for others and behavior appropriate for a professional and educational environment is required of all. Behavior that violates the Code of Student Conduct, including any behavior disruptive to the educational process, is subject to disciplinary action. To falsify or fabricate the results of one’s research; to present the words, ideas, data, or work of another as one’s own; or to cheat on an examination is dishonest and corrupts the essential process of higher education. Academic dishonesty is also subject to disciplinary action. The full text of TBCC’s Code of Student Conduct and Academic Integrity Policy can be found in the Student Rights and Responsibilities section of the TBCC Catalog.

Flexibility Statement: This is a tentative course outline. Specific topics and dates are subject to change throughout the term.

Tentative Schedule by Week/Day and Date:

Class Week	Lecture Topic	Study Aid/Readings
Week 1	Introduction, Why a career in Forestry? Leopold’s land ethic	Leopold part IV
Week 2	Forest Biology and Ecology * PNW Forests	Chapter 4
Week 3	Forest Ecosystems * Wood Properties	Chapter 6 Chapter 20
Week 4	Harvesting * Soils	Chapter 19 Chapter 5
Week 5	Forest Operations and Water * Forest Economics	Chapter 16 Chapter 21
Week 6	Midterm Measurements	Chapter 11
Week 7	Forests and Wildlife * Silviculture and Reforestation	Chapter 14 Chapter 13
Week 8	Planning * Forest Recreation	Chapter 9 Chapter 17
Week 9	* Forest Insects and disease	Chapter 8
Week 10	Wildfire Behavior and History *Forestry and Sustainability	
Week 11	Final Exam	

Week			Lab Topic
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Week 1			
Week 2			Map Reading/intro to compass Pacing lab/pile area
Week 3			
Week 4			Plant associations, microsites, tree ID Shade tolerance, Harvesting
Week 5			Roads and Streams, Buffer widths Culvert sizing and peak flows
Week 6			Timber Cruise and intro to valuation
Week 7			
Week 8			
Week 9			Stocking surveys, Interplanting PCT, desired future conditions

Technology Statement:

Most students need the following in order to take courses at TBCC. You are still encouraged to take this class, but if you lack technical or skill knowledge, please see me after class or make an appointment so that we can talk.

Technical (need):

1. Access to a computer (at home, school, or work) which you can use for extended periods of time.
2. Broadband internet access (cable modem, DSL, or other high speed).
3. Firefox 3.0 or later or Internet Explorer 7 or later. Safari and Chrome also work.
4. Permission/ability to install plug-ins or class software (e.g. Adobe Reader or Flash).
5. Highly recommended: up-to-date anti-virus software. If you are using your own computer check out the free anti-virus program at www.Avast.com.

Skills (ability):

1. Navigate web sites, including downloading and reading files from web sites.
2. Download and install software or plug-ins such as Adobe Reader or Flash.
3. Use email, including attaching and downloading documents/files from emails.
4. Save files in commonly used word processing formats (.doc, .docx, .rtf).
5. Copy and paste text and other items on a computer.
6. Save and retrieve documents and files on your computer.
7. Locate information on the internet using search engines.

Intro to Manufacturing and Harvesting

Course Syllabus

Mrs. Loeffler – Room 22

Contact Information: 503-842-2566 ext. 2140 loefflerl@tillamook.k12.or.us

Homework Blog: <http://loefflerths.blogspot.com>

Course Overview: This class is a continuation of Natural Resources Forestry where different types of wood manufacturing will be explored along with the forest management techniques allowing that product to be made. The class will study such things as cross laminated lumber, plywood, pole production as well as stud and dimensional lumber production. The course will visit mills in and outside of the Tillamook area as well as forest stands that supply these mills comparing and contrasting management styles and goals. This course will include field studies and projects related to the course material covered in class.

Textbook: All necessary texts for this course will be comprised of online sources and will be listed on the class blog and google classroom site.

Grading: Point values will be assigned for each assignment. Homework is expected to be completed by the next class period unless specified differently. Due dates will be posted on the homework blog and written on the board in class. Standard Grading Scale applies.

Late/Make-up Work Policy: Any work not turned in on the due date is late. **LATE WORK IS NOT ACCEPTED.** Students who are absent are responsible to check for assignments. Extra-curricular activities are not considered excused absences and as such work needs to be completed and turned in prior to the absence. Excused absences not related to school functions give the student 1 day per day absent to catch up missed work.

Student Folders/Student Number: Students will be assigned a student number for the class. Their student number **MUST** appear on every assignment and assessment to receive full credit. All papers handed back will be placed in their student folder and students are expected to check that folder on a regular basis.

Cell Phone Policy: Cell Phones are not allowed during class time. See school policy for more information on this policy. If I see your phone I will take it.

Classroom Expectations, The 6 P's:

- 1. Prompt:** Be in class on time
- 2. Prepared:** Come ready to work, mentally, physically, and emotionally
- 3. Polite:** Treat everyone with dignity and respect
- 4. P.M.A.:** Keep a Positive Mental Attitude
- 5. Participate:** Education, especially in science, is an active endeavor, take a proactive role
- 6. Produce:** What you get out of class is determined by what you put in, you have to accomplish something

Classroom Rules and Procedures:

1. You are expected to **LISTEN** and follow the directions of the instructor.
2. **Lab SAFETY and PROCEDURES** will be followed at all times.
3. Restroom Visits are allowed on an emergency basis with the classroom pass.
4. No headphones, earbuds are allowed without instructor permission.
5. Food is only allowed at lunch time in this room.
6. Water is allowed in a closable container - no other beverages.

Course Notebook/Supplies: Students need to have for class every day:

1. 3 Ring notebook or similar to keep all class materials/papers.
2. Paper – three ring filler paper, or clean tear spiral notebook for work and note-taking.
3. Pen, Pencil and good eraser

Field Trips: This course **requires** field trips. Students will be notified with as much advance notice as possible for field trip dates, required clothing and if lunch will be required. Students need to attend field trips as these are some of the lab sessions for this laboratory course. If the student is unable to attend required field trips, this will affect their lab and participation grades for this course. Any issues regarding field trips need to be brought to Mrs. Loeffler's attention as soon as possible for the possibility of an alternative assignment/assessment. Alternative assignments are never a good substitute for attending the field trip in person, and may NOT be available for each field trip. Field trips will be tied to in class work and tests including a field trip required in order to complete the final exam for this course. Most field trips have a choice of two dates to accommodate other academic classes, and sports.

ADA Statement: Students who have a documented physical disability and require a classroom adjustment or accommodation should contact the Disabilities Coordinator/Academic Advisor and provide the Approved Academic Accommodation form to the Instructor. Any student who needs accommodations for a disability is encouraged to speak to their guidance counselor and class teachers as early into the academic term as possible.

Academic Integrity Policy: Students of Tillamook High School are expected to behave as responsible members of the community and to be honest and ethical in their academic work. Tillamook High strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society as educated adults. To falsify or fabricate the results of one's research; to present the words, ideas, data, or work of another as one's own; or to cheat on an examination corrupts the essential process of higher education.

Applicable Standards: Please refer to the ODE website for a list of the adopted NGSS standards for Oregon that apply to any of our THS science courses. <http://www.ode.state.or.us/search/page/?id=1577>

Oregon Diploma Essential Skills:

1. Read and comprehend a variety of text
2. Write clearly and accurately
3. Listen actively and speak clearly and coherently
4. Think critically and analytically
5. Apply mathematics in a variety of settings
6. Use technology to learn and work.
7. Demonstrate global literacy
8. Demonstrate personal management and teamwork skills

****PLEASE REVIEW AND SIGN THIS PAGE AND RETURN TO Mrs. Loeffler - THIS IS YOUR FIRST ASSIGNMENT DUE TOMORROW* Please detach this page only from your syllabus and turn this page only in. Keep your syllabus in your class notebook.**

I _____ have read and understand the class syllabus for Intro to Manufacturing and Harvesting for the 2019-2020 school year.

Student Signature

Date

Parent/Guardian Name (print): _____

Best Method to contact Parent/Guardian: _____ Phone _____ email

Phone Number: _____

Email Address: _____

By signing below, parent/guardian acknowledges they have read the syllabus and provided the best contact information above in the event Mrs. Loeffler seeks to make contact with parent/guardian during the academic term.

Parent Signature

Date

Natural Resources
Course Syllabus
Mrs. Loeffler – Room 22

Contact Information: 503-842-2566 ext. 2140 loefflerl@tillamook.k12.or.us
Homework Blog: <http://loefflerths.blogspot.com>

Course Overview: Natural Resources A will cover aquatic ecosystems (Water) and Natural Resources B will cover Terrestrial ecosystems (Forestry). Both will focus on the biomes in each, their makeup, organisms, factors influencing them, conservation, and current issues affecting them. Students will learn to collect and analyze data and apply that information to predict changing conditions and outcomes in the related biomes. This course will include field studies and projects related to the course material covered in class.

Textbook: Environmental Science, A Study of Interrelationships, 14ed. - Enger, Smith. Student will have access to a hard copy of the text in class, and an online version outside of the classroom. Hard copy textbooks are not to leave the classroom at anytime. If student does not have access to online textbook outside of class, see instructor for alternatives.

Grading: Point values will be assigned for each assignment. Homework is expected to be completed by the next class period unless specified differently. Due dates will be posted on the homework blog and written on the board in class. Standard Grading Scale applies.

Late/Make-up Work Policy: Any work not turned in on the due date is late. **LATE WORK IS NOT ACCEPTED.** Students who are absent are responsible to check for assignments. Extra-curricular activities are not considered excused absences and as such work needs to be completed and turned in prior to the absence. Excused absences not related to school functions give the student 1 day per day absent to catch up missed work.

Student Folders/Student Number: Students will be assigned a student number for the class. Their student number **MUST** appear on every assignment and assessment to receive full credit. All papers handed back will be placed in their student folder and students are expected to check that folder on a regular basis.

Cell Phone Policy: Cell Phones are not allowed during class time, even on field trips. See school policy for more information on this policy.

Classroom Expectations, The 6 P's:

1. **Prompt:** Be in class on time
2. **Prepared:** Come ready to work, mentally, physically, and emotionally
3. **Polite:** Treat everyone with dignity and respect
4. **P.M.A.:** Keep a Positive Mental Attitude
5. **Participate:** Education, especially in science, is an active endeavor, take a proactive role
6. **Produce:** What you get out of class is determined by what you put in, you have to accomplish something

Classroom Rules and Procedures:

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2. **Lab SAFETY and PROCEDURES** will be followed at all times.
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4. No headphones, earbuds are allowed without instructor permission.
5. Food is only allowed at lunch time in this room.
6. Water is allowed in a closable container - no other beverages.

Course Notebook/Supplies: Students need to have for class every day:

1. 3 Ring notebook or similar to keep all class materials/papers.
2. Paper – three ring filler paper, or clean tear spiral notebook for work and note-taking.
3. Pen, Pencil and good eraser

Field Trips: This course **requires** field trips. Students will be notified with as much advance notice as possible for field trip dates, required clothing and if lunch will be required. Students need to attend field trips as these are some of the lab sessions for this laboratory course. If the student is unable to attend required field trips, this will affect their lab and participation grades for this course. Any issues regarding field trips need to be brought to Mrs. Loeffler's attention as soon as possible for the possibility of an alternative assignment/assessment. Alternative assignments are never a good substitute for attending the field trip in person, and may NOT be available for each field trip. Field trips will be tied to in class work and tests including a field trip required in order to complete the final exam for this course. Most field trips have a choice of two dates to accommodate other academic classes, and sports.

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3. Listen actively and speak clearly and coherently
4. Think critically and analytically
5. Apply mathematics in a variety of settings
6. Use technology to learn and work.
7. Demonstrate global literacy
8. Demonstrate personal management and teamwork skills

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I _____ have read and understand the class syllabus for Natural Resources for the 2019-2020 school year.

Student Signature

Date

Parent/Guardian Name (print): _____

Best Method to contact Parent/Guardian: _____ **Phone** _____ **email**

Phone Number: _____

Email Address: _____

By signing below, parent/guardian acknowledges they have read the syllabus and provided the best contact information above in the event Mrs. Loeffler seeks to make contact with parent/guardian during the academic term.

Parent Signature

Date

Natural Resources
Course Syllabus
Mrs. Loeffler – Room 22

Contact Information: 503-842-2566 ext. 2140 loefflerl@tillamook.k12.or.us
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Student Folders/Student Number: Students will be assigned a student number for the class. Their student number **MUST** appear on every assignment and assessment to receive full credit. All papers handed back will be placed in their student folder and students are expected to check that folder on a regular basis.

Cell Phone Policy: Cell Phones are not allowed during class time, even on field trips. See school policy for more information on this policy.

Classroom Expectations, The 6 P's:

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Applicable Standards: Please refer to the ODE website for a list of the adopted NGSS standards for Oregon that apply to any of our THS science courses. <http://www.ode.state.or.us/search/page/?id=1577>

Oregon Diploma Essential Skills:

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2. Write clearly and accurately
3. Listen actively and speak clearly and coherently
4. Think critically and analytically
5. Apply mathematics in a variety of settings
6. Use technology to learn and work.
7. Demonstrate global literacy
8. Demonstrate personal management and teamwork skills

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I _____ have read and understand the class syllabus for Natural Resources for the 2019-2020 school year.

Student Signature

Date

Parent/Guardian Name (print): _____

Best Method to contact Parent/Guardian: _____ Phone _____ email

Phone Number: _____

Email Address: _____

By signing below, parent/guardian acknowledges they have read the syllabus and provided the best contact information above in the event Mrs. Loeffler seeks to make contact with parent/guardian during the academic term.

Parent Signature

Date

Physical Science B
Course Syllabus
Mrs. Loeffler – Room 22

Contact Information: 503-842-2566 ext. 2140 loefflerl@tillamook.k12.or.us

Homework Blog: <http://loefflerths.blogspot.com>

Course Overview: This class is a required introduction to chemistry which includes lectures, labs, and projects. Students will learn and experiment with many general science concepts that are fundamental to success in other required courses such as biology, as well as optional courses such as physics and chemistry. Topics include general lab science safety, the metric system, taking metric measurements, accuracy and precision, the scientific method, density, states of matter, physical and chemical properties, atomic theory, atomic structure, the periodic table of the elements and more. You will never see the world around you in the same way again!

Textbook: Lab Aids Modules. These will be available in class and also online as needed.

Grading: Point values will be assigned for each assignment. Homework is expected to be completed by the next class period unless specified differently. Due dates will be posted on the homework blog and written on the board in class. Standard Grading Scale applies. Note: Homework turned in on time is required to be successful in this course.

Late/Make-up Work Policy: **Any work not turned in on the due date is late. LATE WORK IS NOT ACCEPTED.** Students who are absent are responsible to check blog for assignments. Extra-curricular activities are not considered excused absences and as such work needs to be completed and turned in prior to the absence. Excused absences have one day per day absent to make up work for non-school related absences.

Student Folders/Student Number: Students will be assigned a student number for the class. Their student number **MUST** appear on every assignment and assessment to receive full credit. All papers handed back will be placed in their student folder and students are expected to check that folder on a regular basis.

Cell Phone Policy: Cell Phones are not allowed during class time, even on field trips. See school policy for more information on this policy.

Classroom Expectations, The 6 P's:

1. **Prompt:** Be in class on time
2. **Prepared:** Come ready to work, mentally, physically, and emotionally
3. **Polite:** Treat everyone with dignity and respect
4. **P.M.A.:** Keep a Positive Mental Attitude
5. **Participate:** Education, especially in science, is an active endeavor, take a proactive role
6. **Produce:** What you get out of class is determined by what you put in, you have to accomplish something

Classroom Rules and Procedures:

1. You are expected to **LISTEN** and follow directions of the instructor.
2. **Lab SAFETY and PROCEDURES** will be followed at all times.
3. Restroom Visits are allowed on an emergency basis with the classroom pass.

4. Earbuds and headphones are to be used only with instructor permission.
5. Food is not allowed at any time in this classroom.
6. Water is allowed in a closable container - no other beverages.

Course Notebook/Supplies: Students will have the following materials in class every day.

Students need to have for class:

1. 3 Ring notebook to keep all class materials/papers.
2. Paper – three ring filler paper, or clean tear spiral notebook for work and note-taking.
3. Pen, Pencil and good eraser
4. Helpful - calculator capable of doing scientific notation - cannot be a phone app.

Lab: Physical Science B is a laboratory science class and therefore requires special preparation and attention to make the session safe for the student, classmates and instructor. Laboratory sessions are not a time for horseplay. Students and parents will be required to read and sign a safety contract. Also, laboratory sessions are **not available for make-up**. All students will be excused from one lab per trimester if they are absent for a laboratory class. So, this allows for one absence with no penalty to the trimester grade. Any other missed laboratory sessions will remain as zero points as would any other missed assignment. Special circumstances will be taken into consideration and dealt with on a case by case basis. Students are encouraged to advise the teacher a few days ahead of time of upcoming events that would require them to miss a laboratory session.

****PLEASE REVIEW AND SIGN THIS PAGE AND RETURN TO Mrs. Loeffler - THIS IS YOUR FIRST ASSIGNMENT DUE TOMORROW*
Please detach this page and turn only this page into the basket when you enter class tomorrow.**

I _____ have read and understand the class syllabus for Physical Science B for the 2019-2020 school year.

Student Signature

Date

Parent/Guardian Name (print): _____

Best Method to contact Parent/Guardian: _____ Phone _____ email

Phone Number: _____

Email Address: _____

By signing below, parent/guardian acknowledges they have read the syllabus and provided the best contact information above in the event Mrs. Loeffler seeks to make contact with parent/guardian during the academic term.

Parent Signature

Date