

Introduction to Environmental Technology

Fall Term 2018

WW 6.190 CRN 24507

Instructor: Troy Kemper Office: IA 211 Phone: 541/917-4707

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Class Time: Thursday 1:00 – 4:50 Location: IA - 213

Course Description:

Introduces students to the field of environmental science, pollution control, and environmental technology. This course will provide the basic understanding of the normal ecology of the planet and the risks associated with the pollution of the environment. Sources of environmental pollution and control technologies including safe drinking water, wastewater treatment, and other technologies are covered.

Date	Subject/Activity
Wk 1	Course Introduction
Wk 2	Where does your drinking water come from? Is it safe? How do you know?
Wk 3	The Basics of Drinking Water Treatment Water Treatment Technologies
Wk 4	Field Trip: Drinking Water Treatment Facility
Wk 5	Exam#1: Drinking Water Treatment
Wk 6	The Basics of Wastewater Treatment Collection of Wastewater Treatment Technologies

Date	Subject/Activity
Wk 7	The Basics of Wastewater Treatment Continued
Wk 8	Field Trip: Eugene Water Pollution Control Facility
Wk 9	Holiday: Thanksgiving
Wk 10	Sludge Treatment and Disposal Resource Recovery Course review
Wk 11	Finals Week: Exam #2: Wastewater Treatment

Grading Policy and Procedures

Your grade will be based on a combination of exams, worksheets, and project participation.

Exams:

There will be 2 exams given in this course. It is the general policy of our department to not provide for make-up work and/or exams without previous authorization. Excused absence and/or prior contact with the instructor are required for exams that are missed.

Overall Grading Summary		Total Points	
Exams	40%	90 – 100%	A
Worksheet/Quiz/Homework	40%	80 – 89%	B
Field Work	20%	70 – 79%	C
Total	100%	60 – 69%	D

Field Trips

Water and wastewater treatment facilities operate 40 hours a week and 365 days a year regardless of the weather. Under general conditions field trips will take place. It is up to the student to dress accordingly.

Due to nature of the facilities that we visit, there are some safety concerns. No open toed shoes during the tour. Food, tobacco, etc.. are not allowed.

Department Policy

Use of cell phones and laptop computers during class:

Please turn your cell phones and laptops to a “quiet” mode so you do not disturb other students during class time. Note: cell phones cannot be used as a calculator during tests and quizzes. Please obtain a calculator for test and quizzes.

Diversity Achievement Center

“If you need help finding help at LBCC, drop in to the Diversity Achievement Center. If you are not sure how to accomplish your goals at college, don’t know where to go or how to ask for help, drip in to the DAC.” DAC location 2nd floor Student Union/Forum Building.

Disabilities Services and Emergency Planning

Students who may need accommodations due to documented disabilities, which have medical information which the instructor should know, or who need special arrangements in an emergency, should speak with the instructor during the first week of class. If you have not accessed services and think you may need them, please contact Disability Services.