

BIOLOGY OF FOOD SAFETY

Biology 3770FA

COURSE OUTLINE FALL 2009

Instructor

Dr. Heidi Schraft
Biology, CB4015
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Office hours

Friday: 10:00 – 11:00 am
You can also email to make an appointment.

Teaching Assistant

Lauren Davey
Email: ldavey@lakeheadu.ca

Lectures

Tuesday and Thursday
8:30 – 10:00
ATAC 1001

Performance Evaluation

<u>Activity</u>	<u>Weight</u>
Class participation (CPS)	10%
Group presentation (5%) and individual report (15%)	20%
In-class quizzes (best 2 of 3 count)	30%
Final exam	40%

Textbook, Required Materials and Resources

Required Textbook: *Microbiology – A Human Perspective*. By Nester et al. Published by McGraw-Hill. sixth edition. (The 5th edition will be oK as well).

Required Classroom Performance System (CPS): In addition to the book, you will need a CPS clicker and access code. Please see info below on options to purchase those.

NOTE: CPS clickers are DIFFERENT from the iClickers used in Dr. Law's Biochemistry course!

In addition, relevant journal articles and books will be placed on reserve in the library and/or posted on the Web-CT Course site (see below).

Purchasing of Textbook and CPS material

- The **CPS Clicker** (=Response Pad) is available at the bookstore. It costs CDN \$26.00. You may be able to buy a used CPS Clicker from another student (Biology or Education). For the clicker to work, you will need to register and pay an access fee (see below).
- The **textbook** is available in the bookstore, packaged with a discounted CPS Access Code. The book with the CPS Access Code card shrink-wrapped inside is on the shelf (check for a grey card at the back of the book).
Cost for book with access code is \$149.95
- If you already have the book, you can purchase CPS Access when you register your Clicker on-line (will require on-line credit card payment). The cost will be approx. US \$15.00
Alternatively, you can purchase access at the bookstore for CDN \$24.95.
- If you have the book and a CPS clicker, you only need to register the clicker and pay the access fee of approx. US \$15.00.

There will be required reading from the book and I strongly recommend that you have a book available to you throughout the semester.

Web-CT

You will have access to a course homepage through Web-CT where you'll find course updates, slides discussed during class, assignments and links to selected web-sites. The site is expected to be available to students registered in the course on the first day of classes.

To log into your course website:

Go to My Info (WebAdvisor) <http://myinfo.lakeheadu.ca>

1. Enter your Login/ID (your Lakehead University e-mail username) and your Password/PIN number.
2. Click on the course title to enter the course.
3. Alternatively, you can go to <http://mycourselink.lakeheadu.ca> (then enter your Lakehead University e-mail username and password).
4. Click on the course title to enter the course.

If you encounter any difficulties logging into the course site, please contact the Office of Continuing Education and Distributed Learning at 346-7730 or email cedl@lakeheadu.ca

Academic Dishonesty and Plagiarism

This course will have a zero-tolerance for academic dishonesty and plagiarism. For further information, please refer to the Code of Student Conduct and the Lakehead University Calendar (Section IX).

What is Plagiarism?

Plagiarism is taking the ideas or words of others and passing them off as your own. Plagiarism is a type of intellectual theft.

Plagiarism can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement. Plagiarism can have serious consequences, so it is important that students be aware of what it is, and how to avoid it.

It is also plagiarism, to submit an assessment item that has already been submitted for academic credit elsewhere, or to knowingly permit your work to be copied by another student.

There are very serious penalties for plagiarism, ranging from re-submission, reduction of marks (including to zero), failure of the course, and exclusion from the university.

Schedule for Lectures

Date	Topic of Lecture	Quizzes and Materials due
Thu, Sept. 10	Introduction	
Tue, Sept. 15	What is Food Safety ?	
Thu, Sept. 17	Microbial Food Safety	
Tue, Sept. 22	Microbial Food Safety	
Thu, Sept. 24	Microbial Food Safety	<i>Last day to add classes</i>
Tue, Sept. 29	Microbial Food Safety	From this day on, CPS work counted towards final grade
Thu, Oct. 1	Transmissible Spongiform Encephalopathies	
Tue, Oct. 6	Transmissible Spongiform Encephalopathies	
Thu, Oct. 8	Transmissible Spongiform Encephalopathies	Quiz #1
Tue, Oct. 13	Transmissible Spongiform Encephalopathies	
Thu, Oct. 15	Antimicrobial Resistance	
Tue, Oct. 20	Antimicrobial Resistance	
Thu, Oct. 22	Antimicrobial Resistance	
Tue, Oct. 27	Antimicrobial Resistance	
Thu, Oct. 29	Food Allergies	Quiz #2
Tue, Nov. 3	Food Allergies	
Thu, Nov. 5	Food Allergies	<i>Nov. 6: Final date for course withdrawal without academic penalty</i>
Tue, Nov. 10	Food Allergies	Individual Report due
Thu, Nov. 12	Diet and Cancer	Group Presentations
Tue, Nov. 17	Diet and Cancer	Group Presentations
Thu, Nov. 19	Diet and Cancer	Quiz #3
Tue, Nov. 24	Genetically Modified Organisms	Group Presentations
Thu, Nov. 26	Genetically Modified Organisms	Group Presentations
Tue, Dec. 1	Genetically Modified Organisms	Group Presentations

INSTRUCTIONS FOR CPS REGISTRATION AND USE OF PAD

Class Name: Food Safety F09

Class Key: L53841L692

You will need:

- ✦ Class Key (from your instructor)
- ✦ Connection to the Internet
- ✦ Enrollment Code/coupon (from your school bookstore) **or**
- ✦ Method of Payment (Credit card or personal check)

Enrolling through CPSONline

If you enroll through CPSONline, you will first need to setup a CPSONline account. If you already have an account, you can use that one.

Visit this website and follow instructions:

<https://cpsonlinehe.einstruction.com/>

If you prefer, you can also see **detailed instructions** in this pdf-file:

<https://cpsonlinehe.einstruction.com/EnrollingThroughCPSONline.pdf>