

# BIOLOGY OF FOOD SAFETY

## Biology 3770FA

### COURSE OUTLINE FALL 2014

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#### Instructor

Dr. Heidi Schraft  
Biology, CB4015  
Phone: 343-8351  
Email: heidi.schraft@lakeheadu.ca

#### Office hours

Wednesday: 11am - Noon  
You can also email me to make an appointment.

#### Teaching Assistant

Bal Ram Adhikari  
Office: CB2029, Office hours Wednesday 2 – 3pm  
Email: badhikar@lakeheadu.ca

#### Lectures

Monday and Wednesday  
8:30 – 10:00am  
RB 3044

#### Performance Evaluation

<u>Activity</u>	<u>Weight</u>
Class participation (i>clicker)	5%
Group presentation (5%) and individual report (15%)	20%
Mid-term tests (best 2 of 3 count)	30%
Final exam	45%

## Textbook, Required Materials and Resources

**Required Textbook:** *Microbiology – A Human Perspective*. By Nester et al. Published by McGraw-Hill. Seventh edition. (earlier editions will be oK as well).

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

**Required i>clicker2** In addition to the book, you will need an i>clicker2

- i>clicker2 is available at the bookstore. You may be able to buy a used i>clicker from another student.
- to have your i>clicker performance counted towards the course grade, you will need to register it on-line. There is no registration fee.

**NOTE:** Starting Fall 2013, only i>clicker will be used in Biology courses.

In addition, relevant journal articles and books will be placed on reserve in the library and/or posted on the Desire2Learn Course site (see below).

## INSTRUCTIONS FOR i>clicker REGISTRATION

To complete the student registration, go to [www.iclicker.com](http://www.iclicker.com) and follow these steps:

1. Enter first name and last name in the appropriate fields.
2. Enter **LU-email-username in the student ID-field** (*DO NOT use your numeric student ID*).
3. Enter your i>clicker remote ID. The remote ID is the 8-character alphanumeric code printed below the barcode on the back of their remote.



*Sample i>clicker remote ID*

4. Enter the letters or numbers in the captcha security image on the screen.
5. Click the Enter button. An on-screen message confirms that registration was successful. Your student ID is now tied to your unique i>clicker remote ID, and your clicker performance can be synchronized with the D2L grade-book.

## DESIRE2LEARN

You will have access to a course homepage through Desire2Learn where you'll find course updates, slides discussed during class, assignments and links to selected web-sites.

To log into your course website:

1. Go to <http://mycourselink.lakeheadu.ca>
2. Enter your Login/ID (your Lakehead University e-mail username) and your Password/PIN number.
3. 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](mailto: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
Mon, Sept. 8	Introduction / What is Food Safety ?	
Wed, Sept. 10	Microbial Food Safety	
Mon, Sept. 15	Microbial Food Safety	
Wed, Sept. 17	Microbial Food Safety	Sept. 19: <i>Last day to add classes</i>
Mon, Sept. 22	Microbial Food Safety	From this day on, i>clicker work counted
Wed, Sept. 24	Transmissible Spongiform Encephalopathies	
Mon, Sept. 29	Transmissible Spongiform Encephalopathies	
Wed, Oct. 1		<b>Test #1</b>
Mon, Oct. 6	Antimicrobial Resistance	
Wed, Oct. 8	Antimicrobial Resistance	
Mon, Oct. 13	<b><i>Thanksgiving</i></b>	
Wed, Oct. 15	Antimicrobial Resistance	
Mon, Oct. 20	Food Allergies	
Wed, Oct. 22	Food Allergies	
Mon, Oct. 27		<b>Test #2</b>
Wed, Oct. 29	Food Allergies	
Mon, Nov. 3	Chemical Contaminants and Food Additives	Nov. 4: <i>Final date for course withdrawal without academic penalty</i>
Wed, Nov. 5	Chemical Contaminants and Food Additives	<b>Individual Report due</b>
Mon, Nov. 10	Diet and Chronic Disease	Group Presentations
Wed, Nov. 12	Diet and Chronic Disease	Group Presentations
Mon, Nov. 17	Diet and Chronic Disease	Group Presentations
Wed, Nov. 19		<b>Test #3</b>
Mon, Nov. 24	Novel Foods	Group Presentations
Wed, Nov. 26	Novel Foods	Group Presentations
Mon, Dec. 1	Novel Foods	Group Presentations