

**University of Guelph
College of Biological Science
Department of Human Health and Nutritional Sciences
Course Outline**

**HHNS*6910: Basic Research Techniques and Processes
Fall 2009, Winter 2010, Summer 2010**

Course Coordinator:

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Classes:

This class does not formally meet.

Course Description:

Under the supervision of a faculty advisor, students will gain experience in basic aspects of scientific research. This will be accomplished through experience of one or more components of the scientific method in a laboratory setting.

Course Objectives:

Upon completion of this course, students should:

1. Have an expanded understanding of a specific research process.
2. Have improved scientific writing skills.
3. Have improved oral communication skills.

Evaluation:

Written Report	40% (graded by faculty advisor)
Oral Presentation	20% (graded by course coordinator or designate)
Effort/Progress Throughout Semester	40%* (graded by faculty advisor)

*The criteria for evaluation of effort/progress throughout the semester may include but is not limited to the following: independent thought, discipline, problem solving skills, organization, productivity, ability to plan, ethics, safety, etc.

Details on Written Report:

The purpose of the written report is to document and communicate your research experience as it occurred throughout the semester. Since the specific experiences will vary, the precise format of the written report should be finalized between the student and their faculty advisor. The written report will be due at the end of the semester with sufficient time for your faculty advisor to assign a grade and the course coordinator to then compile your final grade.

Details on Oral Presentation:

All students registered for this course will gather at the end of the semester to present their oral presentations. The scheduling of the oral presentations will be during the final exam period with the precise date to be determined each semester. The format of the oral presentations will be a 10-15 minute presentation plus at least 5 minutes for questions.