



*School of Health Studies*

**HS4030b Course Outline**  
2010 - 2011

Advanced Studies in Workplace Health & Safety

Building upon the concepts developed in HS3030a and the School of Health Studies holistic view of health and wellness, this course shifts focus from anticipation and recognition of workplace hazards to the evaluation of occupational health risks and prevention of disease and injury. The range of exposures to hazards and the range of consequences: occupational disease and injury will be examined with from the perspective of the workers and health care providers. Contributing factors to workplace health including world event, economics, corporate culture, social change, technology, political ideology, legislation and medical advances will be examined.

**Instructor**  
Professor Clarke

**Teaching Assistant**  
To be announced

Week estimated	Topic	Text Chapters to be read in preparation for class
1	<b>HS 3030 Review</b>	
1 - 5	<b>Unit 1: Occupational Health Hazards &amp; Consequences</b> <b>Section A : Biological Hazards</b>  <b>Section B: Physical Hazards</b> <ul style="list-style-type: none"> <li>- Temperature extremes</li> <li>- Radiation</li> <li>- Noise</li> </ul> <b>Section C: Psychosocial Hazards</b> <ul style="list-style-type: none"> <li>- Occupational stress</li> <li>- Workplace violence</li> </ul>	OHSa, 8  OHSa, 12 (except chemical burns pgs 226-227) OHSa, 16 OHSa, 17 (except vibration pgs 318-312),  22 OHSa, 26
7 - 9	<b>Unit 2: Recognizing and Preventing Occupational Health and Safety Hazards</b>	

**Student Access to Instructor: Professor Clarke**

If you are having problems with any aspect of the course, please come and talk



## Evaluation

**30% Mid-Term Examination**

Closed Book, 2 hours,  
February 8, 2011

**30% Research Project**

Individual or Group (your choice based on project topic)  
Topics chosen from a pre-approved list by Friday February 15<sup>th</sup>  
- maximum of 3 students in a group  
Includes a report and a 2 page student summary  
- individual = 2500-3500 words, plus 2 pg summary  
- group = 4500-5000 words, plus 2 page summary  
- student summaries will be reviewed by your peers  
Project Due on Tuesday, March 15<sup>th</sup>

**30% Final Examination**

This is a comprehensive exam with emphasis on the materials covered in weeks 7-13 including reading assignments, class discussions, etc  
3 hours closed book- multiple choice, short answer and essay answer  
Date to be announced by Registrar's Office

**10% Individual Participation**

Completion of peer project reviews- Due on Monday March 28<sup>th</sup>  
Out of class WebCT Instructor Initiated Discussion Cases  
In class participation activities

Individual or Group Participation 10% (3000-3500 words) (11/11/11) (M) 1 DIBT1r (cla)-3(ss) (p)-3(a)-3(rtici)TBT1 0 0



