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|  DEPARTMENT OF CHEMICAL ENGINEERINGAND APPLIED CHEMISTRY SESSION I2017IN-PERSON SAFETY TRAINING PROGRAMFORNEW POSTGRADUATE RESEARCHERS (CHE 2222F) Tuesday, Sept. 05, 2017; 9:10 a.m. to Noon; WB-116 Time Speaker1. Introduction: purpose, duties, responsibilities, legal aspects 9:10-9:20 D.G. Allen2. UofT Env. Health and Safety – Overview and programs 9:20-9:30 M. Drouin3. Safe Handling of Liquid Nitrogen 9:30-9:50 G. Shirtliff-Hinds4. The Safety Program in the Department of Chemical  Engineering and Applied Chemistry 9:50-10:40 B.A. Saville B R E A K 10:40-10:505. WHMIS (Video) 10:50-11:156. Safety Assessment, Use of Designated Substances 11:15-Noon B.A. Saville |

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|  - 2 -SESSION II2017 ON-LINE SAFETY TRAINING PROGRAM FORNEW POSTGRADUATE RESEARCHERS (CHE 2222F) <http://healthandsafety.chem-eng.utoronto.ca> 1. \* Environmental Health and Safety – Basic Heath and Safety Awareness (EHS 002) - requires EH&S Course Registration
2. \* Environmental Health and Safety – WHMIS Training (EHS 101)– required EH&S Course Registration
3. WHMIS – MSDSs
4. WHMIS – Labelling
5. Emergency Procedures and Personal Protective Equipment
6. Electrical Hazards, & IT Security
7. Handling Hazardous Chemicals
8. Equipment Design: materials selection, corrosion
9. Waste Disposal, Solvent Storage and Transportation
10. Ventilation, Fumehoods
11. Pressure Vessels
12. Compressed Gases
13. Fire Extinguishers
14. First Aid
15. Ionizing Radiation
16. Chemical Reaction Hazards
17. Flashpoint
18. Toxicology
19. Working with Glass
20. Non-Ionizing Radiation: U.V., Microwaves
21. An Introduction to Bio-hazards
22. U.S. Chemical Safety Board Videos

 \* EHS Training Course – Session Details attached.\* Result of EHS002 and EHS101 Courses grade showing succesful completion must be attached to the completed Research Registration Form for submission to Secretary, JOHS Committee, room WB 217.  SESSION III – EVALUATION EXAMINATIONTuesday, September 19, 2017, 12:00noon-1:00pm, WB116 |