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|  DEPARTMENT OF CHEMICAL ENGINEERING ANDAPPLIED CHEMISTRY  SESSION I2017 IN-PERSON SAFETY TRAINING PROGRAM FOR 4TH YR UNDERGRADUATE THESIS STUDENTSTuesday, 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 II2017ON-LINE SAFETY TRAINING PROGRAM FOR 4TH YEAR UNDERGRADUATE THESIS STUDENTS <http://healthandsafety.chem-eng.utoronto.ca>1. \*Environmental Health and Safety – Basic Health and Safety Awareness (EHS002)

- requires EH&S Course Registration1. \*Environmental Health and Safety – WHMIS Training (EHS101) – required EH&S Course Registration
2. WHMIS – MSDSs
3. WHMIS – Labelling
4. Emergency Procedures and Personal Protective Equipment
5. Electrical Hazards, & IT Security
6. Handling Hazardous Chemicals
7. Equipment Design: materials selection, corrosion
8. Waste Disposal, Solvent Storage and Transportation
9. Working with Glass
10. Non-Ionizing Radiation: U.V., I.R., Microwaves
11. An Introduction to Bio-hazards
12. U.S. Chemical Safety Board Videos

 \* EHS Training Course – Session Details attached.\* Result of EHS002 and EHS101 Courses grade showing successful completion must be attached to the completed Research Registration Form for submission to Secretary, Chemical Engineering Dept., WB-217SESSION III – EVALUATION EXAMINATIONTuesday, September 19, 2017, 12:00 noon-1:00pm, WB-116 |