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| DEPARTMENT OF CHEMICAL ENGINEERING  AND  APPLIED CHEMISTRY  SESSION I  2017  IN-PERSON SAFETY TRAINING PROGRAM  FOR  4TH YR UNDERGRADUATE THESIS STUDENTS  Tuesday, Sept. 05, 2017; 9:10 a.m. to Noon; WB-116  Time Speaker  1. Introduction: purpose, duties, responsibilities,  legal aspects 9:10-9:20 D.G. Allen  2. UofT Env. Health and Safety – Overview and programs 9:20-9:30 M. Drouin  3. Safe Handling of Liquid Nitrogen 9:30-9:50 G. Shirtliff-Hinds  4. The Safety Program in the Department of Chemical  Engineering and Applied Chemistry 9:50-10:40 B.A. Saville  B R E A K 10:40-10:50  5. WHMIS (Video) 10:50-11:15  6. Safety Assessment, Use of Designated Substances 11:15-Noon B.A. Saville |

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| - 2 -  SESSION II  2017  ON-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 Registration   1. \*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-217  SESSION III – EVALUATION EXAMINATION  Tuesday, September 19, 2017, 12:00 noon-1:00pm, WB-116 |