Course name: Advanced NMR Spectroscopy II
Course number: CHEM 9603T
Planned: Winter 2019
Instructor: Prof. J. A. Wisner
Email & tel: jwisner@uwo.ca
Schedule: Tues. 1 – 3 pm and Thurs. from 1:30 – 3:30 pm
Held in MSA 0204 from Mar. 5 – Apr. 11
Web: See OWL site

Pre-requisites: Undergraduate course in NMR Spectroscopy

Topics: An overview of the most commonly used two dimensional NMR spectroscopic techniques. Topics may include: COSY, HETCOR, HSQC/HMQC, HMBC, INADEQUATE, TOCSY, NOESY, EXSY, DOSY and dynamic NMR spectroscopy. Students who enroll in this course should already have a strong background in the fundamentals of NMR spectroscopy and the interpretation of one dimensional spectra.

Helpful reference material:


Evaluation: Problem Sets (5 x 10%) 50 %
Class participation 5 %
Final exam (End of April) 45 %
Medical/Compassionate Excuses: Students missing work for valid medical or other reasons are governed by the regulations https://studentservices.uwo.ca/secure/index.cfm

Student Accessibility Services (SAS): Western is committed to achieving barrier-free accessibility for all its members, including graduate students. As part of this commitment, Western provides a variety of services devoted to promoting, advocating, and accommodating persons with disabilities in their respective graduate program. Graduate students with disabilities (for example, chronic illnesses, mental health conditions, mobility impairments) are encouraged to register with Student Accessibility Services, a confidential service designed to support graduate and undergraduate students through their academic program. With the appropriate documentation, the student will work with both SAS and their graduate programs (normally their Graduate Chair and/or Course instructor) to ensure that appropriate academic accommodations to program requirements are arranged. These accommodations include individual counselling, alternative formatted literature, accessible campus transportation, learning strategy instruction, writing exams and assistive technology instruction. For more information, see http://www.sdc.uwo.ca/ssd/

Academic Offences: Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: http://www.uwo.ca/univsec/handbook/appeals/scholastic discipline undergrad.pdf

Plagiarism: All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (http://www.turnitin.com).

Support Services: Support is available from the Registrar: http://www.registrar.uwo.ca, via
the university students council (http://westernusc.ca/services/) and at Student Development Services (http://www.sdc.uwo.ca/).

**Mental or Emotional Health:** Students who are in emotional/mental distress should refer to Mental Health@Western http://www.uwo.ca/uwocom/mentalhealth/ for a complete list of options about how to obtain help.