

Experiential Learning and Professionalism in Chemistry (EPIC) 1 & 2, Course Outline

MSc. Students: Chem EPIC 1 MSc (0.25 Credits)

PhD. Students: Chem EPIC 2 PhD (0.5 Credits)

This course is designed to encourage and recognize graduate student participation in experiential learning in chemistry outside of traditional graduate courses. It is meant to provide graduate students with exposure and skills that will be required as a chemical professional. It will also acknowledge this additional experience on their transcript. This is a guided,\* self directed learning experience.

\*Course coordinator: Associate Chair, Graduate Education

\*Course guide: Associate Chair, Graduate Education or their designate.

Learning outcomes

By the end of this course, students will be able to:

1. Become proficient in the oral and written communication of chemistry to expert and non expert audiences through both teaching experiences and highly technical activities.
2. Obtain skill sets specific to the chemical industry in order to enhance their career and professional (al) (the)Tj/C2\_31Tf0Tc1.536Td0003

**Course Operation:**

Students wishing to enroll in EPIC 1 or 2, should contact the \_\_\_\_\_.

All students enrolling in EPIC (1 or 2) are required, at the outset to complete the power skills assessment offered by the 'own your future' program, SGPS at <https://www.uwo.ca/ownyourfuture/>.

The student will use the power assessment skills tool construct a pre course self evaluation to assist in choosing their experiences to build expertise in the categories where it is needed. Thus, it is important to perform the self evaluation before accumulating too many 'points' in the various categories (see below). The student will submit a curriculum vitae and a short reflection on the power skills assessment to the Course Coordinator/Guide with a general plan for training, upon \_\_\_\_\_.

Once a year, on the anniversary of \_\_\_\_\_, the student will provide the Course Coordinator/Guide with a progress update and can seek \_\_\_\_\_.

**Category 1 – Professionalism**

Participation in an approved chemical industry or chemical professional society based course/training program consisting of at least 3 hours of instruction (5 units).

**NOTE** – depending on the

Portfolio

Portfolio inclusion guideline: Copy of CCC or TCC certificate.

TATP – Teaching Assistant Training Program (15 units). Note: NOT eligible if you have been resident in the graduate program for 6 or more terms. Designed for new graduate students.

Portfolio inclusion guideline: Copy of TATP certificate.

- Certificate in University Teaching and Learning (50 units). Note: this encompasses many of the components listed among others. \*\* EPIC PhD only

Portfolio inclusion guideline: Copy of UTL certificate.

\* Note: completion of any teaching workshop must include, if not already a part of the workshop/course, teaching an undergraduate/graduate lecture on a topic directed from the course coordinator. The lecture will be attended by the course coordinate and member of the GEC or designate.

\*\*With permission of the Chair of the GEC.

### **SOGS Participation**