

SCIT 1270 : Petroleum Chemistry

The overall purpose of this course is to provide students with an understanding of Petroleum Chemistry and the skills needed for successful employment. The course is primarily focused on the oil and gas sector of the petroleum industry. The skills include knowledge of chemical composition, properties of petroleum (oil and gas), petroleum products and alternative fuels. Hands on skills, behaviors and attitudes are demonstrated in the laboratory and/or in the oil-gas field (work site), as testing techniques are taught, developed and mastered. The team oriented learning environment in the laboratory provides further professional development for the student. The course will also review the chemical basis for the most important production processes.

Credits 2 **Lab Hours** 4 **Lecture Hours** 1 **Lab Fee** **Course Fee** **Field Experience Hours** 0
Clinical Hours 0 **Course Type** Technical **Extended Hours** 0 **Practicum Hours** 0
Contact Hours 80