

**Final Assessment Report**  
Submitted by SUPR-U to SCAPA

<b>Undergraduate Program:</b>	<b>Civil and Environmental Engineering</b>
<b>New or Cyclical Program Review (please indicate)</b>	Cyclical
<b>Degree(s) Offered:</b>	BESc Civil and Structural Engineering BESc Environmental Engineering BESc Civil Engineering and HBA BESc Civil Engineering and JD BESc Civil Engineering and MD BESc Civil and International Development
<b>Date of Site Visit:</b>	<b>2012.11.23</b>
<b>Evaluation</b>	Good quality

**Summary:**

The Civil and Environmental Engineering program was reviewed by Dr. Mohamed Lachemi (Ryerson University) and Dr Paul Van Geel (Carleton University), assisted by Dr. Pam McKenzie (Western, Information and Media Studies). No student reviewer participated. During their visit, the reviewers visited lab facilities and met with the Acting Chair and Undergraduate Chair, faculty members from representing the Civil Environmental specializations, administrative and technical staff, undergraduate students from Years 2-4, the Dean and Associate Dean, the Vice Provost (Academic Programs and Students) [Registrar], and representatives of Western Libraries. The meetings were pleasant and productive, and participants exchanged ideas and information freely and with considerable enthusiasm.

Overall, the external consultants found the program to be of good quality. They observed that the program is clearly and carefully designed and consistent with Western's mission, values, strategic priorities and academic plans, that the learning goals and objectives are generally clear and appropriate, and that the Department is committed to promoting interdisciplinary, experiential, and international learning opportunities for students. They particularly commended the Capstone Design Project, done in conjunction with the City of London. The program covers three key areas of civil engineering (structural, geotechnical and environmental) in a thorough fashion and most courses are taught at an appropriate level. The faculty complement is sufficient and modes of program delivery are appropriate and innovative, with high levels of interaction between faculty and students. High student satisfaction was evident both in course evaluations and in discussions with current students. Continued commitment to increasing the number of female faculty and students will only help to strengthen the program and its recruitment efforts.

The consultants observed that the CEE Self-Study report lacked a clear explanation of the differences among the multiple program options, especially between options C, D and E, and failed to present the details of the common first-year curriculum. They observed the imbalance in enrolments in the much more popular structural engineering-related options/courses compared to the environmental engineering related options/courses and advised that an effort be made to increase the enrolment in the environmental engineering options. The consultants further felt that the program and the student experience would benefit from the addition of a laboratory technician. Finally, they recommended that Ontario universities work together to align the IQAP and CEAB accreditation processes to avoid duplication of labour and unclear reporting.

Recommendation	Responsibility
Add one technician to the departmental complement to support undergraduate lab instruction.	Dean