



香港城市大學
City University of Hong Kong

Ethics Web-hub for Engineering Students

Project Number: 6000453

Principal Investigator: Dr Raymond Yiu Yin LEE

Grant Type: TDG

Abstract:

Ethics has become an increasingly important issue within engineering as the profession has become progressively more complex. The need to integrate ethics into any engineering curriculum (not only Civil and Construction Engineering) is well documented, as education does not often sufficiently prepare engineers for the ethical conflicts they experience. Recent research indicates that there is great diversity in the way institutions approach the problem of teaching ethics to undergraduate engineering students; some universities require students to take general ethics courses from philosophical or religious perspectives, while others integrate ethics in existing engineering courses. The purpose of an Ethics Web-hub is to propose a web platform to implement the integration of ethics in engineering education that is pedagogically based on Kohlberg's stage theory of moral development. Based on the proposed DEC training workshops in tutorials and lectures, and making uses with the developed resources of the Ethics Web-hub, one cross-discipline Competition of Best Ethics Report/ Case-studies/ Videos will be held at 2014-2015 or 2015-2016 and open for all engineering students at CityU