

Abstract Submitted  
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**Enhancing Student International Awareness and Global Competency through Compact International Experience Courses** FRANK JACOBITZ, THOMAS SCHUBERT, University of San Diego — Short-term, study-abroad, elective engineering courses were developed in order to raise the international awareness and global competency of engineering students. These Compact International Experience (CIE) courses were taught in response to a strong student desire for engineering study abroad courses and an effort by the home institution to internationalize its curriculum. An assessment of repeat offerings of two three-semester-unit courses on Topics in Fluid Mechanics and Advanced Electronic Circuit Design in a three-week time frame in France and Australia was performed. The goals of the two CIE courses are an effective teaching of their respective technical content as well as a student understanding of the cultural environment and the impact of engineering solutions from a global and societal viewpoint. In the repeat offerings, increased interaction with local industry was an additional goal. The CIE courses were assessed through surveys completed at the beginning and end of the courses, weekly student reflection papers, course evaluations, and formalized instructor observations. Based on the assessment performed, the two CIE courses have been found to be a valuable approach in the delivery of engineering technical electives combined with an international experience.

Frank Jacobitz  
University of San Diego

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