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Content and Language Integrated Learning (CLIL) in Engineering Education – Case study

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Abstract

Safety Engineering has become a demanding and rewarding career path in the age of rapid technological and scientific advances. In the field of Safety Engineering, university graduates often have to work in international teams, which requires knowledge of a specialist foreign language. The aim of this presentation is to show how successful cooperation between professionals in the field of Functional Safety, and experienced foreign language teachers can enhance students' motivation and encourage them to face the social and professional needs of changing business environments. We have tried to prove that a tailor-made course provides students with efficient information on the subject matter, source materials and terminology of Safety Engineering. It also enables students to apply their knowledge to respond to hazards and accidents. It teaches them to take independent decisions in emergency situations and prepares them to function confidently in the global business world.

Keywords: CLIL, engineering education, FMEA, FTA, Safety Engineering