

Experiences on project based learning education

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Abstract

The present paper describes the experiences of the professors and students during one semester in the context of the course 'European Project Semester'. The course objective is to instruct students by using project-based learning methods. The paper focuses on a particular project, the EXO project, in which a team of five students from Germany, Romania, France, and Belgium took part. During the project the team members, belonging to different degrees and having diverse backgrounds, had the objective of improving a lower limb exoskeleton design. During the project, students demonstrated great learning capacity and design abilities. The results demonstrated the usefulness of project-based learning methods for the education in engineering areas.

Keywords: *active exoskeleton, multidisciplinary team, project development, project-based learning*

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