



The Chair of Operations Management in cooperation with Technion and SandboxModel announces a

Project Study

on the topic

Creating an e-Learning Course for the Project Team Builder

The project team builder training simulator (PTB) is a web-based software which allows users to model and simulate projects with time, cost and quality objectives taking into account budget, resources and risk. More information can be found at <http://www.sandboxmodel.com/>. PTB has been created by Prof. Avi Shtub at the Technion, Israel, and is now continuously further developed by SandboxModel, a spinoff of Technion. The task of the project study is to create an e-Learning course for PTB in German taking into account the needs and industry standards of the German market. For this, the students have to be knowledgeable in the theoretical concepts of Project Management and Scheduling and be interested in the application of Project Management in Germany. In particular the following tasks have to be undertaken

- Becoming familiar and studying the details of PTB.
- Studying the Industry Standards and technical terms of Project Management in Germany.
- Developing a concept for an e-learning course.
- Creating the e-learning course.

For part of the project study, there is the option to work at the Technion located in Haifa, Israel.

Applicants should have accomplished the elective course “Project Management” in the undergraduate program. Interest in project management and first experiences in working in project teams is beneficial.

Start: Any time

Number of Students: 2

Advisor (TUM): Prof. Dr. Rainer Kolisch (rainer.kolisch@tum.de)

Advisors (): Guy Shtub (SandboxModel) and Prof. Avi Shtub, PhD (Technion)