



KU LEUVEN

PREFER

Well prepared for the labour market

Engineering graduates are often unaware of the range of possibilities on the labour market. Moreover, they tend to underestimate the importance of certain professional skills for particular engineering positions.

Professional Roles and Employability for Future Engineers

The KU Leuven Faculty of Engineering Technology is the coordinator of the European PREFER project. This project aims at facilitating the labour market entry of young engineering graduates.

www.preferproject.eu

Contribute to the professional roles model

In this brochure you find a brief explanation of the project objectives and the professional roles model we intend to work with. We would highly appreciate your feedback.

Objectives



Based on the professional roles model, we intend to

- > introduce students to the wide range of engineering positions;
- > stimulate students to actively reflect on their engineering identity by exploring their own strengths and weaknesses.

Guiding principles

We strive for an overarching professional roles model that

- ... applies to positions for newly qualified engineers (max. 2 years experience);
- ... transcends the different sectors;
- ... is accepted by a wide range of stakeholders (large companies, SMEs, start-ups ...);
- ... is flexible in use. We don't want to put students in boxes.

On the next page you find a brief overview of the three roles that constitute the model.



CORE PROCESSES

OPERATIONAL EXCELLENCE

PROCESS OPTIMIZATION

Focus on increasing efficiency and reliability

- Cost, logistic and resource efficiency
- Quality control
- Safety and hazard prevention
- Sustainable maintenance
- Analysis of (sub)components and prioritizing
- Process (re)design: standardization and optimization of flows
- ...

PRODUCT LEADERSHIP

RADICAL INNOVATION

Focus on innovative ideas, products or processes

- High level of specialised knowledge
- Commercial exploitation
- Exploration of internal and external markets
- Determine investment strategies
- Superior branding
- Fast development
- ...

CUSTOMER INTIMACY

TAILORED SOLUTIONS

Focus on technical solutions tailored to an individual client

- Analysis of client needs
- Creative solutions tailored to a customer
- Development & implementation of specific technological systems
- Support and training services
- Client acquisition and establishing long-term client relations
- ...

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More info

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Collaborate?

Keep you posted on the project outcomes? Do you want to collaborate in the future with your company? Let us know: sofie.craps@kuleuven.be

Partners



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