

**Master’s degree**

**Engineering and Production Management**

**Preliminary Working Title**

Exposé Master Thesis

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<place>, <date of submission of formal request>

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# Motivation

Describe the topic and its origin.

Which problem is addressed?

What is already available in literature or on the market?

Briefly summarize the state of the art in general - not only within your company.

Consider recent peer-reviewed literature and scientific papers, especially to address the state of the art in the field of work and existing methods and solutions.

What is the information gap, your work will fill? What will be your research contribution to fill the gap?

How will the work elevate the conversation within the professional or scientific community?

# Aims

What are the aims of your work?

What are the boundary conditions of your work?

What are the non-goals?

How might the addressed problem be solved? Which methods are you using?

# Research questions

Formulate several relevant research questions which will be answered by your work.

Use the hints from this blog, discussed during the lecture “Scientific Work”.

<https://www.scribbr.com/research-process/research-questions/>

# Structure of the thesis – TOC

Provide a preliminary structure of your thesis.

Consider a structure that is suitable for answering your research questions.

Use the template, provided during the lecture “Scientific Work”.

# Project Plan and Milestones

Provide a time schedule for your work including tasks and milestones.

Consider the deadlines from the study programme.

Also think about the risks during your work and mention, how to mitigate them:

* interdependencies on various departments, processes, or staff within your partner company
* time-delays with experimental set-ups
* staff availabilities for interviews
* time-delays with external suppliers

# Main sources

Provide a preliminary list of sources used for your work. Focus on the main important ones.

Consider recent peer-reviewed literature and scientific papers, especially to address the state of the art in the field of work and existing methods and solutions.