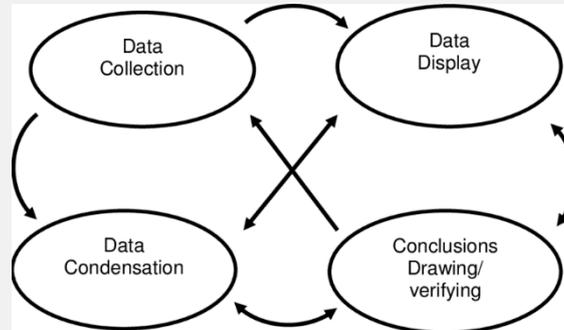




Updated: 14/02/2019



From the course book: Miles, Huberman & Saldaña (2019)

Syllabus for

PM11 – Qualitative Data Analysis for Product Realisation Research

Credits	7.5
Examiner	Peter E. Johansson
Contact	Peter E. Johansson, Associate Professor Peter.e.johansson@mdh.se +46 16-15 3708 Kristina Säfsten, Professor Kristina.safsten@ju.se +46 36-10 1639
Target group	Doctoral students who wants to expand their knowledge and competence on qualitative data analysis in theory and practice.
Prerequisites	Research methodology course/knowledge (required). Qualitative data to do analysis on (preferable).

Aim

The aim of the course is to increase participants understanding of key concepts, and to develop their competence and skills in how to perform qualitative analysis. The participants will develop an ability to judge and evaluate the choice of analytical method applied to an adequate set of empirical data. Furthermore, the course aims at increasing the participants' understanding of the premises for publishing results based on qualitative data analysis in scientific journals.

About the teachers



Peter E. Johansson is an Associate professor in Innovation Science at Mälardalen university, and since 2015, he is the subject representative for Innovation Science at the School of Innovation, Design and Engineering, and the head of research education in Innovation and design. Peter is co-chairing the research group Workplace Innovation and Quality Management, WIQM and he is also a member of the national network Swedish Quality Management Academy (SQMA), a collaboration between ten Swedish Universities and the Swedish Institute for Quality (SIQ). His current research interests are positioned in the intersection between operations management and innovation management research.



Kristina Säfsten is a professor in production systems at School of Engineering, Jönköping University, and guest professor in production systems at Mälardalen university. She is associate dean of doctoral programmes at School of Engineering, and subject area responsible for production system. She has long experience from teaching research methodology for engineers in first- second- and third cycle courses. She is responsible for the course PM3 Research Methodology in product Realisation, and this course (PM11) is a good complement to PM3. Her research interest is within operations management, integration between product development and production and boundary crossing.

Fee for industrial members

7 000 SEK

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Learning outcomes

After completion of the course, the participants will be able to:

Knowledge and understanding

- describe different types of qualitative data analysis and its origin, application, as well as its advantages and disadvantages
- explain the requirements imposed on empirical data and its consequences for the possibility of analysis

Competence and skills

- apply different types of inductive and theoretical analysis to an empirical material present the outcomes of qualitative data analysis in writing, adapted to scientific journals

Judgement and approach

- critically discuss the strengths and weaknesses of a conducted empirical analysis
- evaluate the relevance of different types of analytical methods related to different types of research questions

Contents

In this course the participants get familiarized with, and learn how to use, a range of techniques and methods for qualitative data analysis, for example:

- content analysis,
- thematic analysis,
- inductive analysis,
- deductive analysis,
- grounded theory,
- Gioia-analysis,
- ethnographic analysis, and
- narrative analysis.

During the course, the participants will also be introduced to tools and software that supports qualitative data analysis, such as Nvivo and Ddose.

Organisation

The course is divided into 5 course sessions, including the course introduction.

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Literature

Course books:

Miles, M., Huberman, M. & Saldana J. (2019). *Qualitative Data Analysis. A Methods Sourcebook*, Thousands Oaks, CA: Sage Publications Inc.

Wertz, F.J, Charmaz, K., McCullen, L.M., Josselson, R.

Anderson, R., & McSpaden, E. (2011). *Five Ways of Doing Qualitative Analysis*, New York: The Guildford Press.

Examination

GRU1: Individual examination, written and oral, with focus on key concepts, methods and approaches in qualitative analysis (examination of the course literature).

SEM1: Group examination, oral, planning and completion of a seminar with focus on selected technique for qualitative data analysis. (Assignment 1)

INL1: Individual examination, written and oral, analysis of empirical data and reflection on the result, including presentation of results from analysis of qualitative data. (Assignment 2).

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