



## COURSE SYLLABUS

# Improvement knowledge I, 5 credits

### *Förbättringskunskap I, 5 högskolepoäng*

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Course Code:	HIKR24	Education Cycle:	Second-cycle level
Confirmed by:	Director of Education Mar 13, 2014	Disciplinary domain:	Health sciences
Valid From:	Aug 25, 2014	Subject group:	HS1
Version:	1	Specialised in:	A1N
Reg number:	2014/508 (122) Jönköping Academy for Improvement of Health and Welfare	Main field of study:	Quality Improvement and Leadership within Health and Welfare

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### Intended Learning Outcomes (ILO)

Upon completion of the course the student should have the

#### *Knowledge and understanding*

- give an overview of the intellectual underpinnings and connections of the fundamental and scientific theories, models, methods and skills that can be helpful in the continual improvement of health and social care.

#### *Skills and abilities*

- connect the understanding of the intellectual underpinnings that can be helpful in the continual improvement to personal work today and in the future
- design and conduct improvement efforts
- demonstrate the ability to reflect and learn from one's own experience.

#### *Judgement and approach*

- relate improvement knowledge and efforts to ethical principles and values that guide health and social care systems.

### Contents

- the 8 domains of Improvement knowledge
- the historical evolution of improvement efforts
- the relationship between professional knowledge and improvement knowledge
- the leader within: the personal dimension of improvement efforts
- applying improvement knowledge in a personal improvement project
- skills in team collaboration
- the use of reflection and learning
- clinical microsystem, its context and the implications of that situation for performance and improvement
- the interconnectedness of different knowledge and skill domains to the overarching goal of leadership and improvement
- theory of science and different scientific approaches.

## Type of instruction

The course uses blended learning with a combination of campus based learning, web based lectures and seminars.

## Prerequisites

To enter the course a Bachelor of Science or professional exam of 180 credits in medicine, care, technique or social science or equivalent is required. In addition two years of work experience is required.

## Examination and grades

The course is graded Fail (U), Pass (G) or Pass with Distinction (VG).

The examination will be based on each student's:

- completion and reporting of a personal improvement project
- written description and characterization of a clinical microsystem with a view to understanding how to effect improvement
- active contribution to literature seminars both on campus and electronically
- continuous journaling and reflection on the course content together with program peers.

A university lecturer serves as the course examiner.

Registration of examination:

Name of the Test	Value	Grading
Examination	5 credits	U/G/VG

## Other information

### Attendance requirements

Attendance is required at the campus sessions at the start and end of the course.

### Course literature

Bergman, B., & Klefsjö, B. (2007). *Kvalitet från behov till användning*. Lund: Studentlitteratur,

Fulop, N., & Allen, P. et. al. (Eds.). (2001). *Studying The Organization and The Delivery of The Health Services. Research Methods*. London: Routledge.

Nelson E. C., Batalden, P. B., & Godfrey, M. M. (2007). *Quality by Design: A Clinical Microsystems Approach*. San Francisco: Jossey-Bass/Wiley. (This book is also available electronically at the Jönköping University library)

The most recent editions of the course literature should be used.

Scientific articles will be added to the literature.

Reference literature

Langley, G. J, et al. (2009). *The improvement guide: a practical approach to enhancing organizational*

*performance*. San Francisco: Jossey-Bass.