



School of Economics and Management

MGTN24, Management: Digitalization, New Innovations and Industrial Trends, 3 credits

Management: Digitalization, New Innovations and Industrial Trends, 3 högskolepoäng
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Board of the Department of Business Administration on 2014-06-17 to be valid from 2014-09-01, autumn semester 2014.

General Information

The course is a master level course within the Master programme of Science in Management where this course is compulsory.

Language of instruction: English

Main field of studies

Management

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

Learning outcomes

The course goal is to develop students' knowledge of the context of organizations and markets, with a focus on the managerial challenges related to technological change, digitization and industrial innovations, and the impact of these trends on people, firms and society.

Knowledge and understanding

A passing grade on the course will be awarded to students who:

- Demonstrate knowledge and understanding of central concepts related to the impact of technological change on firms and management.
- Demonstrate knowledge and understanding of how to translate technological threats/opportunities to management and operative work.

Competence and skills

A passing grade on the course will be awarded to students who:

- Demonstrate the ability to highlight opportunities/threats related to technological change from a relevant stakeholder's point of view.
- Demonstrate skills in reporting and discussing conclusions and underlying arguments in written and spoken format.

Judgement and approach

A passing grade on the course will be awarded to students who:

- Demonstrate the ability to make assessments and valuations of the importance of different perspectives in relation to technological change and innovation.
- Demonstrate the ability to make assessments and valuations on technological change from an ethical dimension.

Course content

Innovation and the evolution of technology are among the key forces that reshape society. Driving this change is not only the quest for economic growth, but also political and social concerns, such as the need for long-term sustainable solutions. In particular, many observers see the current wave of digitization as a new industrial revolution that will have a profound effect on all aspects of business and social life. The course will introduce current topics and theoretical perspectives that shed light on some of these changes, including, but not limited to:

- Current trends in ICT and information systems.
- Digitization and the transition from desktop computing to mobile and wearable platforms.
- Industrial trends related to innovation, manufacturing, employment and sourcing.
- Opportunities, threats and challenges of technological change for people, firms and industries.

Course design

The course is conducted through lectures, seminars and feedback sessions. The detailed structure of the course is further described in the *Course Instructions document* (distributed separately).

Assessment

Assessment and grading are based on two parts, equally worth 50% of the final grade:

1. An individual or group assignment which is presented and discussed at a seminar (group or individual). The focus of the assignment is on the ability to present, apply and discuss the contents of the course.
2. An individual written examination that focuses on the understanding of core concepts and models of the course. The written exam is given at the end of the study period, in combination with the written exams of the other courses of the period.

A student who does not pass the assignment (1) will be given an extra assignment.

A student who does not pass the written examination (2) will be given opportunities for a re-sit examination.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, E, D, C, B, A.

Grade (Definition) Points or % out of maximum points. Characteristic.

A (Excellent) 85-100. A distinguished result that is excellent with regard to theoretical depth, practical relevance, analytical ability and independent thought.

B (Very good) 75-84. A very good result with regard to theoretical depth, practical relevance, analytical ability and independent thought.

C (Good) 65-74. The result is of a good standard with regard to theoretical depth, practical relevance, analytical ability and independent thought and lives up to expectations.

D (Satisfactory) 55-64. The result is of a satisfactory standard with regard to theoretical depth, practical relevance, analytical ability and independent thought.

E (Sufficient) 50-54. The result satisfies the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought, but not more.

F (U) (Fail) 0-49. The result does not meet the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought.

Some occasional examination elements of the course may have the grading scale pass (D) / fail U(F).

Plagiarism is considered to be a very serious academic offence. The University will take disciplinary actions against any kind of attempted malpractice in examinations and assessments. The penalty that may be imposed for this, and other improper practices in examinations or assessments, includes suspension from the University for a specific period of time.

Entry requirements

Students admitted to the programme Master of Science in Management, where this course is compulsory, are qualified for the course.

Further information

In case of closure of the course: Within three semesters after the course closure there will be offered three additional occasions for examination of respective examination part of the course, for students with no successful result. Note that after this you can get a certificate only regarding completed examination parts.

Subcourses in MGTN24, Management: Digitalization, New Innovations and Industrial Trends

Applies from H15

- 1411 Assignment, 1,5 hp
Grading scale: Fail, Pass
- 1412 Written exam, 1,5 hp
Grading scale: Fail, Pass

Applies from H14

- 1401 Digitalization, New Innovations and Industrial Trends, 3,0 hp
Grading scale: Fail, E, D, C, B, A