



Division of Building and Real Estate Economics

Quantitative Methods Applied to Real Estate and Construction Management

AI2152
7.5 credits

Course PM

Year 2019

Course plan, learning outcomes and course content

See <https://www.kth.se/student/kurser/kurs/AI2152?l=en>

Course activities

1. *Class-room lectures and exercises.*

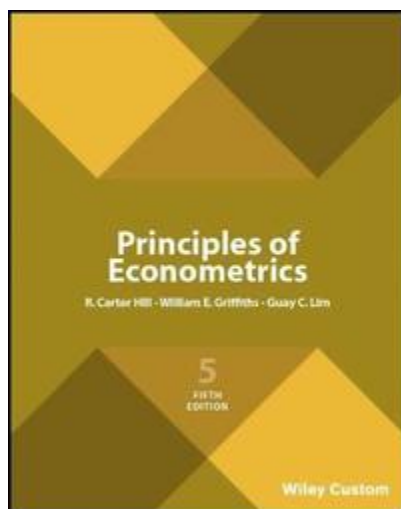
- Not mandatory to attend.

2. *Mandatory Computer Assignments (Computer Exercises)*

- Group works: 2 – 4 students per group (some students can work alone if they wish to do so).
- Examination: INL1 - Assignment, 3.0, grading scale: P, F.
- It is not mandatory to attend.
- You are not supposed to solve all computer exercise questions during the scheduled hours.
- Save all your files (with backups) until you are told to hand them in to the teachers.
- We recommend that each main questions' solution is solved in separate Excel sheets, and give each sheet a name that is similar to the question's number.

Literature

- *Principles of Econometrics*, 5th Edition, Wiley. Authors: R. Carter Hill, William E. Griffiths, Guay C. Lim.



- Handouts, lecture notes and other material on Canvas.

Formulas, formula sheet and the open-textbook-open-note exam

- *This is an open-textbook-open-note examination where all printed and written resources on paper (e.g. your own notes on paper), in addition to a calculator, are allowed.*
- *No formula sheet will be distributed.*

Assessment

The course gives 7.5 credits: 4.5 for passing the written exam and 3.0 for passing the computer exercises.

Written exam:

- All questions will be multiple choice questions:
 - Correct answer gives 4 points; no or wrong answers gives 0 points.
- Number of questions:
 - About 27-35 MCQs.
- Grading scale (*preliminary*): percentage needed of maximum points:
 - A: 90%
 - B: 80%
 - C: 70%
 - D: 60%
 - E: 50%
 - Fx: 45%. Student has an opportunity to hand in an assignment to get grade E.
 - F: Failed.

Examinator and teachers

- See <https://www.kth.se/student/kurser/kurs/AI2152?l=en>

Academic honesty and plagiarism

KTH frowns upon plagiarism and related acts of academic dishonesty. Plagiarism results from using someone else's ideas without acknowledging it. This is a serious offence and will cause your term paper to be rejected. We have software that will be used to check your reports for plagiarism. To avoid this, remember to give credit in the following instances:

- When you are using or referring to somebody else's words or ideas from a trade or research journal, a textbook, newspaper, a web page, electronic document, or any other medium;
- When you use information gained through interviewing another person during the course of the work;
- When you copy the exact words from anywhere;
- When you reprint any diagrams, illustrations, charts, and pictures.

Registration and Administrative issues

By making a course registration you declare that you intend to follow the course. A registration is necessary for results to be reported and also in order to be able to register for doing an exam.

How to register: Go to My pages at the Student Web. There you'll find a message telling you that you have course/s on to which you have to register. You click on "Register here". You can also click on the link "Registrations" on your left hand menu. Thereafter you'll follow the instructions. As soon as you have registered to the course/s in the system you can see your course registrations at My Pages, on the page Registration history. If you can't find any course/s to register to it can depend on you're not being admitted to the course. In that case, please contact your student counselor at the Student office.

For other administrative issues, contact student expedition, mail: studentexp.fob@abe.kth.se, telephone: 070 166 74 07, visiting address: Teknikringen 10B, 5th floor.

KTH has a special policy for students with disabilities (e.g. access to materials, sign-language specialists or note-takers, the provision of services and additional exam and assessment arrangements). For any assistance, please contact your programme coordinator. Information on KTH policy towards students with disabilities can be found at:

<https://www.kth.se/en/student/studentliv/studenttratt/stod-for-studenter-med-funktionsnedsattning-1.324605>