

Optimization modelling: Course plan

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- Week 1 - Day 1.
 - Lecture: An introduction to GAMS.
 - Lab 1
 - Lecture: Discussion of lab work.
 - Lecture: GAMS syntax and dual information.

- Week 1 - Day 2.
 - Lecture: Continued.
 - Lab 2
 - Lecture: Discussion of lab work.
 - Lecture: Some features in GAMS
 - Lab 3

- Week 1 - Day 3.
 - Lab 3 continued
 - Lecture: Discussion of Lab work.

- Week 1 - Day 4.
 - Lecture: Integer optimization.
 - Lab 4

- Week 1 - Day 5.
 - Lecture: Examples in integer optimization.
 - Lab 5

- Week 2 - Day 1.
 - Lab work.

- Week 2 - Day 2.
 - Lecture: Discussion of hotair case.
 - Lecture: Markowitz portfolio problem.
 - Lab work: winvest case.

- Week 2 - Day 3-4.
 - Lab work.

- Week 2 - Day 5
 - Lecture: Discussion of winvest case.
 - Lecture: Exam project.

- Week 3.
 - Work on exam project.