## Communications and Transport Systems Department of Science and Technology Linköping University

Fall 2018

Dr. Christiane Schmidt

## TNFL01 - flygtrafik och flygtransporter Homework Set 5, 2018

Solutions for the responsible group are due October 2, 2018, 12:00. All other solutions are due October 3, 2018. Please put your name on all pages!

**Differential Pricing** You and your partner Mister Easy bought a small airline, FlyXY, which is serving a single route between two European capitals. Mister Easy suggests to simply sell all tickets for the same price P. You know that this is not a good idea, and want to give a detailed argument why you should indeed use differential pricing. To make your argument to Mister Easy you may assume that you have a simple price-demand curve, and have exact knowledge about how many people have what willingness-to-pay (WTP). Explain what differential pricing is. Argue for a start why it will be beneficial for FlyXY to sell tickets at two different prices, P1 and P2, with P1 < P < P2, and why your customers will be satisfied with that as well. bigskip

The assignment should be handled in groups and a short report should be submitted.

The report should be both sent by email to christiane.schmidt@liu.se and uploaded to lisam no later than the due date.

It should be noted that the memo will be sent to URKUND (http://www.urkund.com), a plagiarism checker to ensure original content.

The presentation of the responsible group and the opposition will take place on **October 5**.

Until the day of the seminar all students are expected to read the report. Assessment criteria

- You should comply with the assignment and all relevant questions should be discussed.
- Background facts should be correct; content has to be objective and relevant and a red thread should run through the high quality text.

- Good structure, layout and outline; the text should be easy to read and written in good, understandable English.
- $\bullet$  Sources should be relevant and sources must be stated clearly.