

Dr. Christiane Schmidt

TNFL01 - flygtrafik och flygtransporter

Homework Set 6, 2023

Solutions for the responsible group are due October 9 2023, 12:00. All other solutions are due October 10, 2023. **Please put your name on all pages!**

CDM

Read Chapter 18 from Modeling Applications in the Airline Industry von Ahmed Abdelghany, Khaled Abdelghany (available as an e-book from the library).

- Provide a detailed explanation of the situation in Figure 18.5
- Provide detailed explanations for the situations in Figures 18.7, 18.8, and 18.9. That is:
 - What is the situation?
 - Why does the airline act in a certain way (that is shares/does not share certain information)?
 - Which incentives are provided by CDM?
- Why would CDM help in the situation of Figure 18.5?

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

The report should be 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 11**.

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.
- Sources should be relevant and sources must be stated clearly.