

TSFS03 Vehicle Propulsion Systems - Conventional, Hybrid, and Electric Powertrains – Modeling, Control and Optimization

About the Course and its Teaching

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May 15, 2020

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Outline

1 Teaching Elements











- Lectures
- Lecture Q&A Sessions
- Projects
 - Where to get information

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About The Lectures in Distance Mode

All teaching is in distance mode

The Lectures

-  Will follow the lecture schedule
-  Prerecorded videos, 2 or 3 per lecture
-  Lengths vary in the range 14-40 min. Total lecture time usually less than 60 min
-  Released 15 minutes before the scheduled lecture start
-  On YouTube Channel **"Lars Lectures"** under TSFS03 playlist
-  If you get a question while viewing the Video
 -  Pause the Video
 -  Write down the question
 -  If you still have it at the end of the video
 -  Bring it to the Lecture Q&A session





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Lecturing and Interaction in Distance Mode

Lecture Q&A

- 1h30m after scheduled lecture start, i.e. 15 min before lecture end.
- I will be available in a Zoom room the Link is available on Lisam.
- I will wait 15 minutes for you to show up. If no one is there I leave.
- If you show up I will answer your questions and comments as long as you are there.

Flow for the Lectures

-  On Monday there is a lecture planned 10.15-12.00. This will be the flow then
 -  10.00 the first Video is released on YouTube,
 -  10.15 the second Video is released,
 -  11.45 I will be in the Zoom room ready for your questions.

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Project Assignments and Support

? Assignments

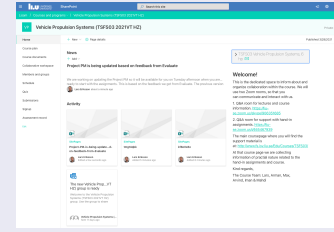
- ⚙️ You can work on your assignments anytime.
- ♻️ The lab sessions in the schedule
 - are support sessions, where teaching assistants are available but only in Zoom.
 - Participate to get help and listen in on others queries, you can also share screens.
 - The computer rooms in the schedule are only booked for the nowadays rare cases that a student doesn't own a computer, for performing the tasks.
- ? Over the project time you can ask questions on any Project.
- 👋 Use raise hand so we can take your questions in order.
- 🗨️ If you are too shy to ask your question, you can write privately to the assistant in Zoom.
 - If the question is easy to answer the assistant will read the question and answer so all hear.
 - If there is a need for more details you can go to a breakout room for privacy.

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Your Sources for Information

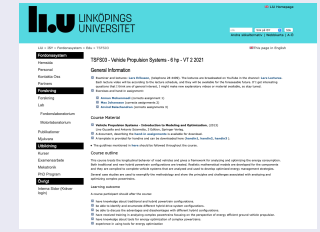
🌐 Lisam

- Handing in assignments
- Iterating corrections and examination
- Communication about issues and course information for you.



🏠 Traditional homepage

- The project compendium
- Focus on the projects and tasks
- Material and support related to the specific tasks



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Concluding Remark

Welcome to the Course! 🎓

- I am happy that you have shown interest in this dynamic area.
- There are a lot of things happening right now and you have many opportunities to contribute to the development.
- Looking forward to interacting with you and giving you a set of toolboxes for your future engineering work.

Together we will create a sustainable future!

– Once again! Welcome to the Course!

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