



Aalto University
School of Engineering

Academic Advising in School of Engineering

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School of Engineering

Every new student is assigned with an Academic Adviser

- Faculty member (professor, lecturer, university teacher)
- The assigning process is different if you are starting as a bachelor's degree student or as a master's degree student.

No one is born a blacksmith

- Academic advising in the School of Engineering is built to provide you with an environment that supports you in working towards the goals you have set.
- In bachelor's level the idea is to meet Academic Adviser every autumn and every spring.
- In Master's level we encourage students to meet advisers when necessary and there are differences between the programmes.



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Academic advising in Bachelor's level

7.9.2018

Background

- Academic advising was developed in 2014 in Aalto University School of Engineering but related development started in 2013 as a part of FUKS 3 project
- The biggest difference is that the student and the adviser are expected to meet through out the bachelor's degree and not just in the first year.
- Advisers are assigned randomly during the first semester
- Advisers meet their advisees twice every academic year

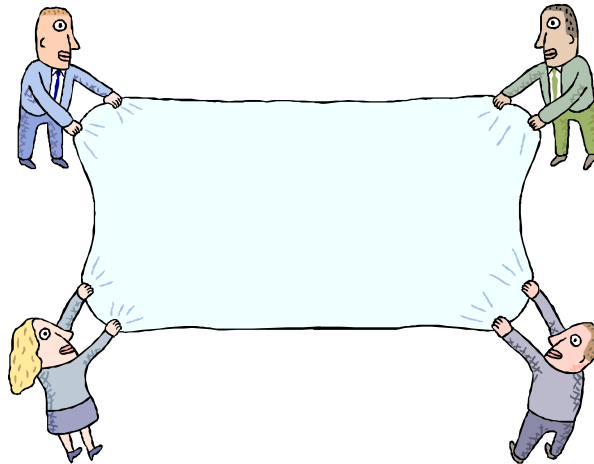
Learning services support and coordinate academic advising

- Cue cards
- Assigning advisers
- Reminder for the advisers when it is time to arrange meeting.
- If adviser notices that something is bothering the student
→ Adviser informs learning services.

Proactive safety net

Academic adviser

Student tutor



Learning services

Student

Key features

3rd AUTUMN [October – November]

1. Hello! How are you?

- How has autumn term started for you?
- Are you feeling OK? Enjoying the studies here?

2. IF something is wrong

- What seems to be wrong?
- Try to formulate the problem in words
- Send an e-mail to advisors-eng@aalto.fi and request for a service for the student and tell him/her you are doing this

3. Check the goals and study situation

- Did you achieve your goals last academic year?
- Which courses did you find challenging?
- What are your goals for this academic year?
- How are your minor subject studies advancing?
- Have you collected credits from practical training after summer job?
- Are you planning to modify your HOPS (individual study plan)?
- Have you found enough interesting elective studies?
- Have you decided on your major subject for master's degree?
- Have you started your BSc thesis?

4. Fix the next meeting and inform study services

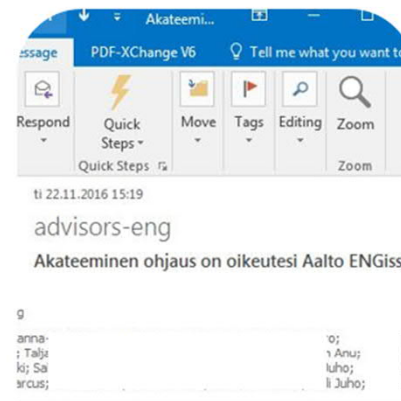
- Schedule next meeting for March-April
- Write an e-mail to advisors-eng@aalto.fi
- When did you meet?

Cue Cards designed for each and every meeting



Support for advisors:
advisors-eng@aalto.fi

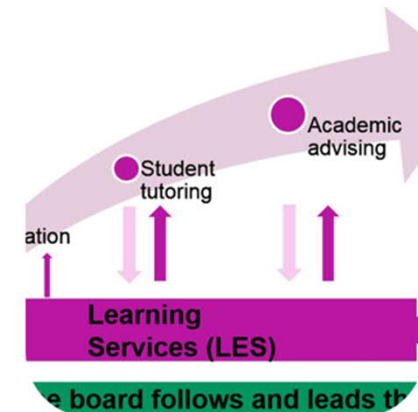
Support from one address for academic advisors and students



laattiohjelmamme opiskelija ja akateemisen ohjauksen kuuluva läsnäoleva 2. tai 3. vuoden opiskelijamme, Marko, Jarno, Juho, Riku, Niina ja muut mahtikset,

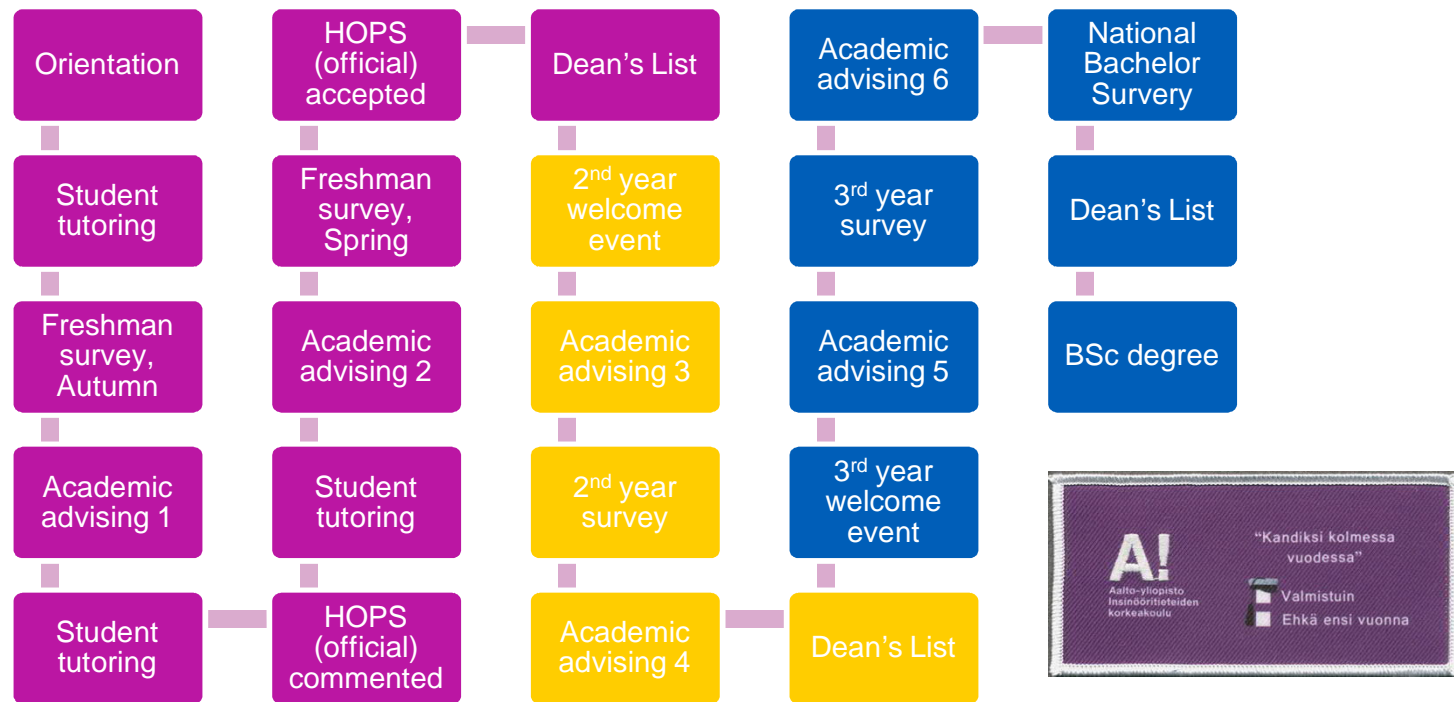
Notification for students and academic advisors

the "dropouts"



Taking care of the 100% of students

Academic year emphasized





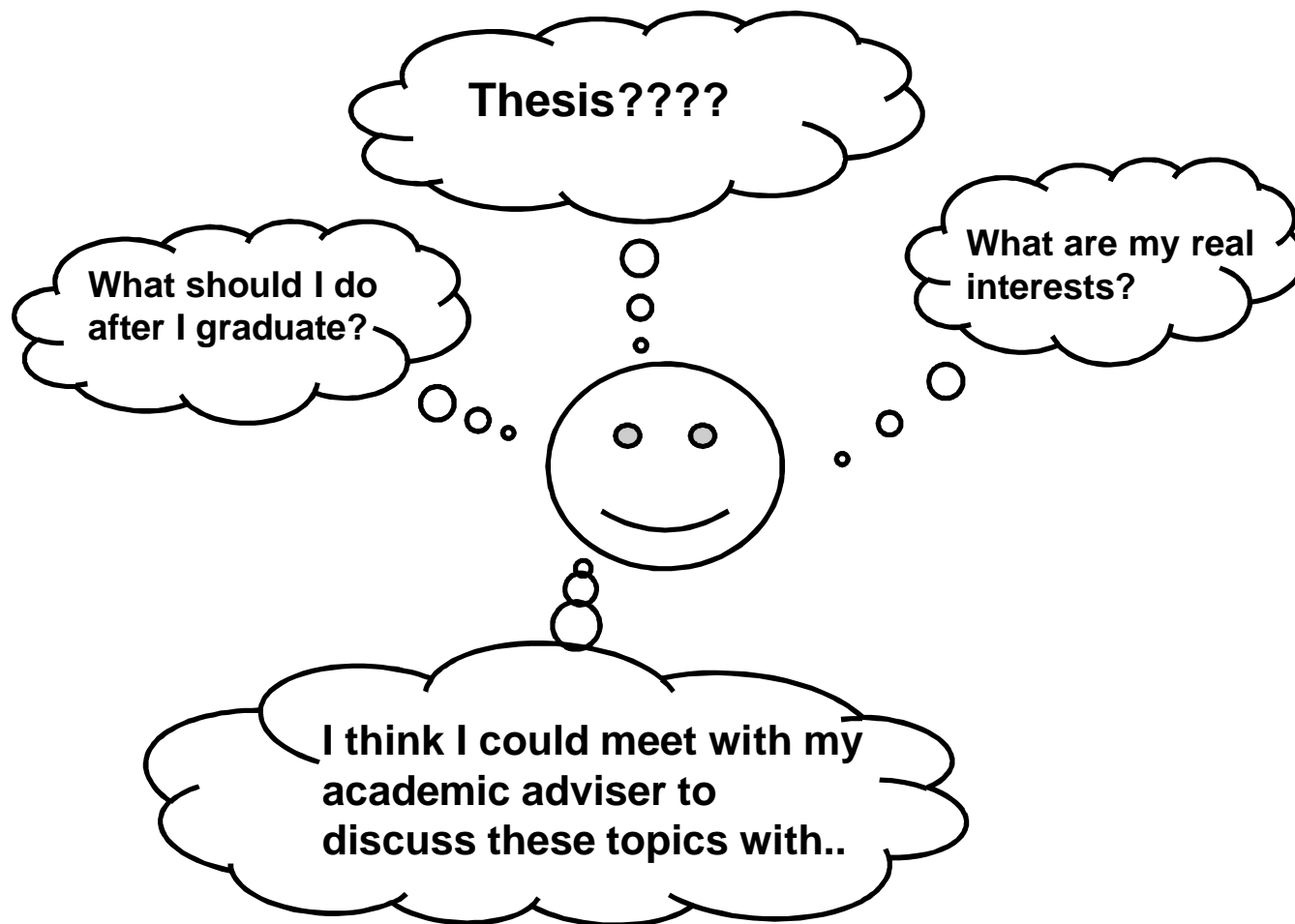
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Academic advising in Master's level

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From advising to mentoring

- The process of academic advising is not that structured in Master's level and there is variation between programmes
- The development of the advising process started in 2017.
- In most of the programmes 2017 and 2018 we assigned the advisers for students using MyCourses
- The student has more active role and learning services are not following meetings systematically.
- We encourage students to meet advisers based on needs.

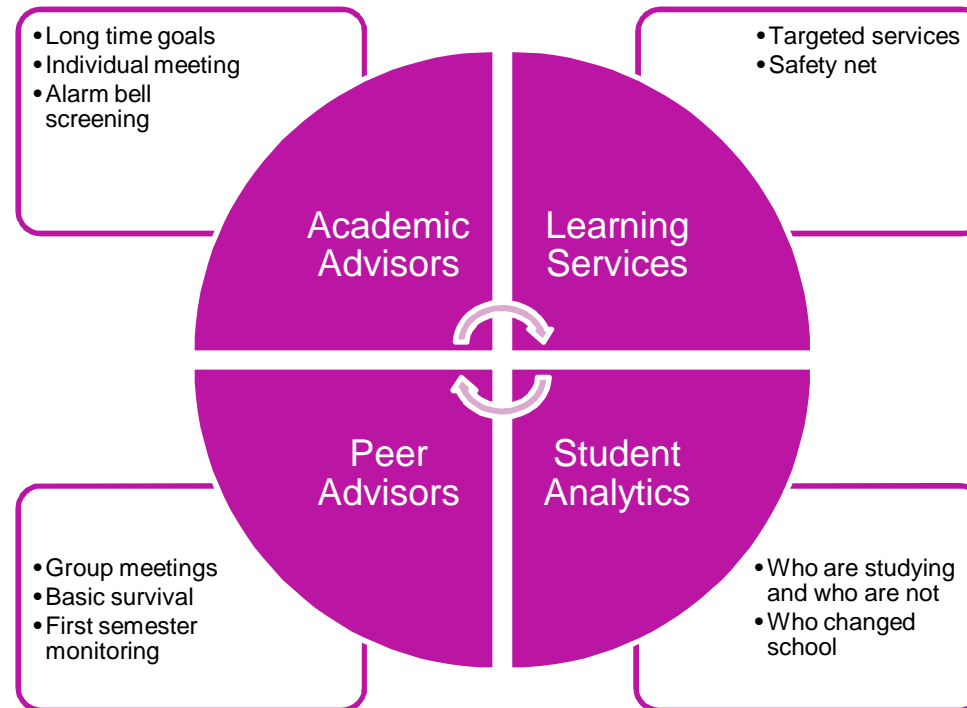




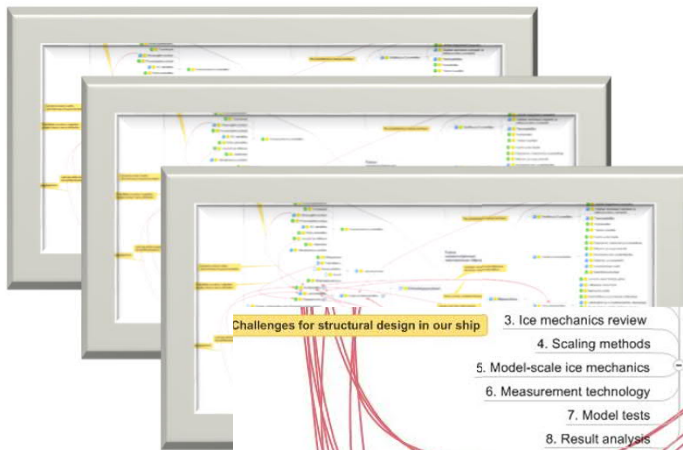
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Comprehensive system

Academic Advising is a comprehensive system



Soon to be powered by #conceptmapanalytics



MEC-E8006 - Fatigue of Structures

Enrolled Students

Number of Students

24

Speaks Finnish/Swedish



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Gender



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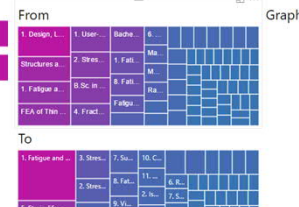
Age Group

20 - 25 42 %

Testing - MEC-E4004 Model
scale testing in ice

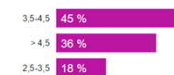
MEC-E8006 - Fatigue of Structures

Topic Relationships



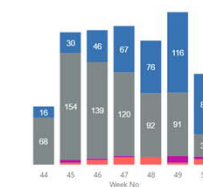
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GPA



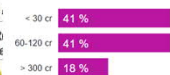
Emotional Response

Angry Negative Neutral Positive

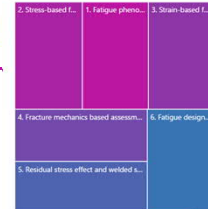


Study Progress and Emotional Response

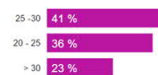
Sum of Credits



Course Content

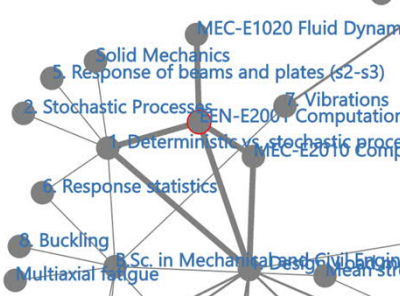
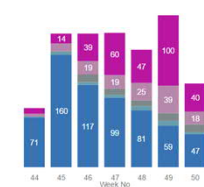


Age Group



Study Progress

25 30 35 40 45 50

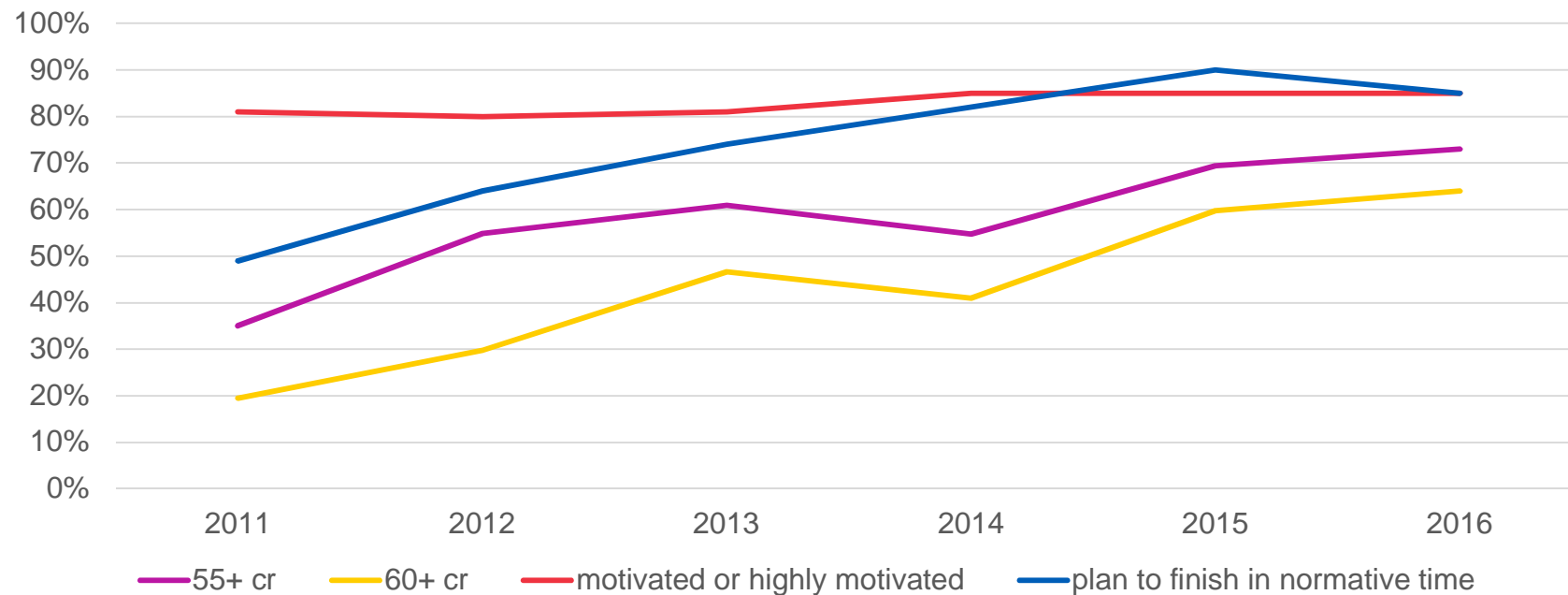


33 %
Foundations of Solid mechanics

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9.8.2018
15

Freshman survey's motivation and plan to finish degrees in normative time compared to actual credits earned first academic year



Thank you!

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