Course board meeting: Minutes

Course name:	Strömningsmekanik - MTF053 - Fluid mechanics	*Academic year:*	2024-2025
Course code:	MTF053	*Programme owning the course:*	Mechanical engineering (TKMAS)
Study period (start):	SP1	*Department instructing the course:*	Mechanics and Maritime Sciences
Study period (end):	SP1	*Date:*	2024-12-02

Fill in all the fields above. Select study periods, academic year, programme, department, and date from the respective drop-down menu.

Meeting participants: Niklas Andersson, examiner
Vincent Cramer, exchange student, Tea Jonasson, TKGBS
Viggo Randerz, TKMAS, student representatives,
Malin Berggren and Tilde Thurfjell Emilsson, MUU
Johan Bankel, Director of studies

Keeper of the minutes: Johan Bankel

A joint meeting has been held for the following courses: ---

Summary

General impression of the course is good (3,98). No major changes were made compared to last year.

The results were slightly lower though (G > 65%) compared with previous years and there were few students with the highest grade 5.

Prerequisites and learning outcomes

Prerequisites from the previous course in Strength of materials course were limited due to the content. This is now updated in the programme (TKGBS) and this change should be sufficient to fulfil the specific prerequisites, ie.shear stress.

Learning, examination, and course administration

The learning is high, but one thing could increase the learning curve if the derivatives is fully explained ahead of the actual derivation.

Students ask for more focus on understanding of concepts and their applications (not primarily mathematically solving problems). Using the blackboard is appreciated by the students.

The summary page is highly appreciated by the students.

The canvas home page is very well structed and it’s very easy to find relevant documents.

The book might not be needed if the lecture notes are expanded (distributed).

Work climate

Group sizes (max 4) is a balance between available resources and pedagogical intent.

Workload seems to be OK (3,33).

Comments about TA:s are in general positive, but there were one exception and this was addressed to the examiner.

To keep for next course round

Most parts, if not all, of the course content should be kept to the next course round.

Suggested changes

The formula sheet during the examination should be separated from the actual examination paper.

The examiner will update the suggested questions and tasks both for the exercises and for the homework for the whole course. New solved examples will be produced and distributed.

External collaboration

Six guest lectures (short format) from different applied areas are included in the course.

Other matters
