

MSE-485

Tribology

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Cursus	Sem.	Type
Materials Science and Engineering	MA1, MA3	Opt.
Mechanical engineering	MA1, MA3	Opt.
Space Technologies minor	H	Opt.

Language of teaching	English
Credits	2
Session	Winter
Semester	Fall
Exam	During the semester
Workload	60h
Weeks	14
Hours	2 weekly
Courses	2 weekly
Number of positions	

Teaching methods

Ex cathedra with exercises and case studies
2-3 presentations by external speakers (one in French)

Assessment methods

Mid term written exam (50%)
Oral presentation to the other students of the critical analysis of an article published in a tribology journal (in groups). Questions by students to the presenting group will be evaluated. (50%). In case of a too large number of registered students, this oral presentation will be replaced by a second written exam (50%).

Resources**Bibliography**

Book list indicated below.

Moodle Link

- <https://go.epfl.ch/MSE-485>