

Department	05 Technical Systems, Processes and Communication
Course title	Advanced Fluid Mechanics
Course number	
Hours per week (SWS)	4
Number of ECTS credits	5
Course objective	Introduction to Computational Fluid Dynamics in the field of indoor climate engineering
Prerequisites	mathematics, fluid mechanics
Recommended reading	Notes on Computational Fluid Dynamics: General Principles, C.J. Greenshields, H.G. Weller,
Teaching methods	lectures and exercises
Assessment methods	simulation and evaluation of a demonstration project during the course time
Language of instruction	English
Name of lecturer	Prof. Dr.-Ing. Madjid Madjidi
Email	madjidi@hm.edu
Link	https://fk05.hm.edu/kontakte_de/phonebook_detailseite_19778.de.html
Course content	application examples, fundamental equations, mathematical background, numerical
Remarks	It is recommended to work on your own computers; the course will be held partially online.

*bitte **zuerst** Feld B1 anklicken, dann Pfeil,
um Fakultät aus Liste auszuwählen*