

Course schedule CAS Computational Fluid Dynamics 2025 (CFD)

Date	from	to	hours	Topic	Contents	Lecturer	Location
Do. 20.02.2025	09:05	09:50	1	Block 1	Introduction to CAS CFD	Dr. Roman Fuchs	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 20.02.2025	10:00	12:30	3		Fluid Dynamics	Dr. Roman Fuchs	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 20.02.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 20.02.2025	17:00	18:00	1		Opening Apéro		Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 21.02.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 21.02.2025	13:30	16:55	4		Fluid Dynamics	Dr. Roman Fuchs	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 22.02.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 22.02.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 13.03.2025	09:05	12:30	4	Block 2	Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 13.03.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 14.03.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 14.03.2025	13:30	16:55	4		Fluid Dynamics	Dr. Roman Fuchs	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 15.03.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 15.03.2025	13:30	16:55	4		Turbulence Modeling	Prof. Dr. Henrik Nordborg	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 27.03.2025	09:05	12:30	4	Block 3 Online	Fluid Dynamics	Dr. Roman Fuchs	Online
Do. 27.03.2025	13:30	16:55	4		Turbulence Modeling	Prof. Dr. Henrik Nordborg	Online
Fr. 28.03.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Online
Fr. 28.03.2025	13:30	16:55	4		Heat Transfer	Prof. Dr. Michael Schreiner	Online
Sa. 29.03.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Online
Sa. 29.03.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Online
Do. 24.04.2025	09:05	12:30	4	Block 4	Turbulence Modeling	Prof. Dr. Henrik Nordborg	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 24.04.2025	13:30	16:55	4		Fluid Dynamics	Dr. Roman Fuchs	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 25.04.2025	09:05	12:30	4		Heat Transfer	Prof. Dr. Michael Schreiner	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 25.04.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 26.04.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 26.04.2025	13:30	16:55	4		Turbulence Modeling	Prof. Dr. Henrik Nordborg	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 15.05.2025	09:05	12:30	4	Block 5 Online	Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Online
Do. 15.05.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Online
Fr. 16.05.2025	09:05	12:30	4		Heat Transfer	Prof. Dr. Michael Schreiner	Online
Fr. 16.05.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Online
Sa. 17.05.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Online
Sa. 17.05.2025	13:30	16:55	4		Turbulence Modeling	Prof. Dr. Henrik Nordborg	Online
Do. 12.06.2025	09:05	12:30	4	Block 6	Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Do. 12.06.2025	13:30	16:55	4		Heat Transfer	Prof. Dr. Michael Schreiner	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 13.06.2025	09:05	12:30	4		Fluid Dynamics	Dr. Roman Fuchs	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 13.06.2025	13:30	16:55	4		Best Practice in CFD	Alex Weber	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 14.06.2025	09:05	12:30	4		Math. and Comp. Methods	Prof. Dr. Bernhard Zraggen	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 14.06.2025	13:30	16:55	4		Turbulence Modeling	Prof. Dr. Henrik Nordborg	Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Fr. 04.07.2025	09:05	16:55	8		Auxiliary date		Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 05.07.2025	09:05	16:55	8		Auxiliary date		Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
So. 31.08.2025					Submission of CFD Project		
Fr. 19.09.2025	09:05	16:55	8		Written Exams		Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 20.09.2025	09:05	16:55	8		CFD Project Presentation		Campus Rapperswil, Oberseestrasse 10, Rapperswil-Jona
Sa. 20.09.2025	17:00	21:00			Aperitif and Dinner		Rapperswil-Jona

Instruction time

A teaching day compares to 8 lessons, 45 Min. each, incl. Lunch break 45-60 Min., and 15 Min. break in morning and afternoon.

(Subject to changes)
Stand: 11.07.2024_FURO

Studienkoordinatorin

Linda Grämiger linda.graemiger@ost.ch
+41 58 257 13 09

Kursleiter

Dr. Roman Fuchs roman.fuchs@ost.ch
+41 58 257 43 40