

Short Course: Aircraft Design					
Day:	Monday, 06.06.2011	Tuesday, 07.06.2011	Wednesday, 08.06.2011	Thursday, 09.06.2011	Friday, 10.06.2011
Location:	HAW	Airbus	Airbus	HAW	HAW
08:30 - 10:00	SCHOLZ: <ul style="list-style-type: none"> Welcome Assignment / Teamwork Introduction Aircraft Design Sequence Requirements and Certification 	SCHOLZ: Tutorial: Preliminary Sizing Airbus -Visit Übersetzung: SCHOLZ	TRAHMER: Fuselage and Cabin Conceptual Design	SCHOLZ: Empennage Sizing	Ross: Military Aircraft Development: <ul style="list-style-type: none"> Development Scenario and Environment Requirements Design Process and Tools Technologies <ul style="list-style-type: none"> Composites Ejection Systems Unstable Configurations Thrust Vectoring
10:15 - 11:45	SCHOLZ: <ul style="list-style-type: none"> Aircraft Configurations 	Group 1: 10:00 - 12:30	TRAHMER: Prediction of Mass and CG-Location	SCHOLZ: Design Evaluation / DOC	
12:00 - 12:45	SCHOLZ: Preliminary Sizing (I)	Group 2: 10:30 - 13:00	TRAHMER: Landing Gear Conceptual Design and Integration		
12:45 - 13:45	Lunch (and Library)	Lunch	Lunch	Lunch (and Library)	Lunch (and Library)
13:45 - 15:15	SCHOLZ: Preliminary Sizing (II)	BÖTTGER: Wing Design and Drag Prediction	SCHOLZ: High Lift	SCHOLZ: Tutorial: FD728 – Conceptual Design	o Aircraft Signature <ul style="list-style-type: none"> Unmanned Systems Future Aspects
15:30 - 17:00			SCHOLZ: Empennage General Design	Teamwork: Preliminary Sizing Tutor: SCHIKTANZ (Location: BT5, 03.13)	Team Presentations (SCHOLZ/SCHIKTANZ) Test, Feedback
17:00 - 18:00	Along River Elbe to Blankenese http://www.hadag.de/e_hafenfahren.php Dinner in Blankenese <i>Sagebiel's Fährhaus</i> www.sagebielsfaehrhaus.de	Teamwork: Preliminary Sizing Tutor: SCHIKTANZ	Teamwork: Preliminary Sizing Tutor: SCHIKTANZ / SCHOLZ	Dinner on HAW Campus www.meetingpoint-hh.de	
18:00 - 20:00				DGLR-Lecture Dr. rer. nat. Thilo GÜNTNER: Die Space-Shuttle-Ära (in German)	

Location of the Short Course:

Hamburg University of Applied Sciences (HAW Hamburg): Berliner Tor 5, D-20099 Hamburg (Room 04.12) - However on Thursday, 15:30-17:00 in Room 03.13
 Airbus, Technologiezentrum Hamburg Finkenwerder (THF): Nesspriel 5, D-21129 Hamburg (Room 4.006)

Included in the course fees: Coffee, juice and biscuits/cookies are served during the breaks at HAW. The dinner on HAW campus is also included in the course fees.
 Not included in the course fees: Dinner in Blankenese and lunches (HAW refectory or Airbus canteen) have to be paid individually by each participant.