

Module title		Abbreviation
Aircraft Construction		10-I=FZB-182-m01
Module coordinator		Module offered by
holder of the Chair of Computer Science VIII		Institute of Computer Science
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<ul style="list-style-type: none"> • Assembly of a RV12 small airplane • elements of the RV12 (aluminum processing) • Setting up a project team • Tasks and allocation of responsibilities • Quality assurance • Documentation of the work • Building some elements of the RV12 • Marketing and PR activities 		
Intended learning outcomes		
Students have the necessary soft skills, project management knowledge and experience for the execution of complex and safety-critical projects. Students have technical, theoretical and practical knowledge concerning aircraft construction. Students practice manual skills in relevant areas of aircraft construction e.g. electrical systems and aluminum processing.		
Courses (type, number of weekly contact hours, language – if other than German)		
R (6)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
project report (10 to 15 pages) and presentation of project (15 to 30 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): LR. Cf. Section 3 Subsection 3 Sentence 8 FSB (subject-specific provisions).		
Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Computer Science (2018) Master's degree (1 major) Computer Science (2021) Master's degree (1 major) Computer Science (2023)		