Module title			Abbreviation
Coating Technology based on Vapour Deposition			08-FS6-101-m01
Module coordinator		**Module offered by**	
Dean of Studies Funktionswerkstoffe (Functional Materials)		Chair of Chemical Technology of Material Synthesis	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

Theoretical principles: CVD and PVD installations, gas phase processes and layer materials. Layer production and characterisation, optimisation of the coating process. Insights into layer production on an industrial scale.

Intended learning outcomes

Students have developed an advanced knowledge of gas-phase layer deposition processes and have become familiar with modern CVD and PVD coating techniques.

Courses (type, number of weekly contact hours, language — if other than German)

V + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 90 minutes) or b) oral examination (approx. 30 minutes)

Allocation of places

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Additional information

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Workload

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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) Technology of Functional Materials (2010)