## Module title

Coating Technologies based on Vapour Deposition

## Abbreviation

11-BVG-202-m01

### Module coordinator

Managing Director of the Institute of Applied Physics

### Module offered by

Faculty of Physics and Astronomy

### ECTS

5

### Method of grading

Numerical grade

### Only after succ. compl. of module(s)

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### Duration

1 semester

### Module level

Undergraduate

### Other prerequisites

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## Contents

Physical and technical basics of PVD and CVD systems and processes. Layer deposition and layer characterization. Application of coating materials on an industrial scale.

## Intended learning outcomes

The student has in-depth knowledge in the field of gas-phase deposition processes and gains insights into their industrial significance and diversity.

## Courses

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

V (3) + R (1)

Module taught in: German or English

## Method of assessment

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

written examination (approx. 90 to 120 minutes) or
oral examination of one candidate each (approx. 30 minutes) or
oral examination in groups (groups of 2, approx. 30 minutes per candidate) or
project report (approx. 8 to 10 pages) or
presentation/talk (approx. 30 minutes).

If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.

Creditable for bonus
Language of assessment: German and/or English

## Allocation of places

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## Additional information

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## Referred to in LPO I

(examination regulations for teaching-degree programmes)

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## Module appears in

keinem Studiengang zugeordnet