

COURSE DETAIL

SPACE SENSOR TECHNOLOGY

Country

Germany

Host Institution

Technical University Berlin

Program(s)

Technical University Berlin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering Engineering

UCEAP Course Number

122

UCEAP Course Suffix**UCEAP Official Title**

SPACE SENSOR TECHNOLOGY

UCEAP Transcript Title

SPACE SENSOR TECH

UCEAP Quarter Units

5.50

UCEAP Semester Units

3.70

Course Description

The lecture covers the following topics: the basic equation of remote sensing, types and classes of remote sensing sensors, electromagnetic waves, basic radiometric and photometric parameters, signal and systems theory basics, optical space sensors, infrared sensors, far-infrared space sensors, microwave sensor and SAR, systematic data processing and classification.

Language(s) of Instruction

English

Host Institution Course Number

3534 L 855

Host Institution Course Title

SPACE SENSOR TECHNOLOGY

Host Institution Campus

FAKULTÄT V VERKEHRS- UND MASCHINENSYSTEME

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Luft- und Raumfahrttechnik

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