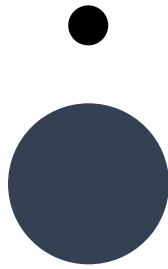


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Hochschule Konstanz
University of Applied Sciences



Course number: tba
Space Electronics
Study Level: Bachelor /
Undergraduate

Prof. Dr. Matthias Gollor
Language of Instruction: English
ECTS Credits: 3

Content:

The course explains space missions and the design of spacecrafts/satellites with a focus on electrical subsystems. Topics of electrical power, electric propulsion, command & control systems and rf communication systems are addressed with respect to architecture and dimensioning. Specific aspects of the space environment are addressed as well as methods to achieve high reliability and high failure tolerance.

