Hochschule München University of Applied Sciences

Courses in English
Course Description

Department	06 Applied Sciences and Mechatronics
Course title	**Telecommunications and Navigation**
Course number	
Hours per week (SWS)	4
Number of ECTS credits	6
Course objective	To acquire knowledge of the electromagnetic wave propagation properties in air and space environments; telecommunications structure; acquire or deepen the knowledge of using of telecommunication tools; to gain knowledge of telecommunication and navigation instruments.
Prerequisites	
Recommended reading	
Teaching methods	Lecuture and exercises
Assessment methods	Exercises and exam
Language of instruction	English
Name of lecturer	Prof. Dr. Saulius Japertas
Email	saulius.japertas@ktu.lt
Link	
Course content	Assimilating knowledge of modern wireless telecommunications and navigation (satellite and inertial) systems, their architecture. Provides the ability to select appropriate telecommunication and navigation tools for unmanned or remotely operated systems such as robotics, unmanned ground vehicles and/or aerial vehicles.
Remarks	