### Mathematics for Engineering

**Do. 14:00 - 17:15, EC 1.11**  
**Campus Pfarrkirchen**

**INHALT:**  
Functions and Limits (functions in one variable), Differentiation (functions in one variable), Applications on derivatives, Integration, Power Series, Basics of differential geometry for plane curves, Area calculation of plane regions (bounded by a number of curves), Differentiation of functions with several variables, Multiple integrals (domain, region, area and volume integration), Fourier-Series

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### Legal Aspects of Tourism

**Fr. 14:00 - 17:15 Uhr, EC.1.13**  
**Campus Pfarrkirchen**

**INHALT:**  
basic knowledge: German contract law; types of contracts in tourism; special problems of accommodation contracts; special liability of innkeepers; overview service contract relating to services in hotels and clinics; basic knowledge in accounting law principles, tender law and competition law; the new package travel contract law in 2018; basic knowledge in health law; The compare of the General Data Protection Regulation (GDPR) and the Health Insurance Portability and Accountability Act (HIPPA) and their consequences for the tourism and medical services

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### Intercultural Competences

**Mo. 14:00 - 15:30 Uhr, EC 1.15**  
**Campus Pfarrkirchen**

**INHALT:**  
Defining what culture is, Recognizing cultural patterns, Responses to other cultures, How culture functions, Different layers of culture, Cultural and emotional intelligence

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### virtuelle Kurse

**virtuelle Kurse**  
**--> MIT Anmeldung im Frühstudium:**  
https://kurs.e.vhb.org/VHBPORTAL/kursprogramm/kursprogramm.jsp

**virtuelle Kurse**  
**--> OHNE Anmeldung im Frühstudium:**  
https://open.vhb.org/

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