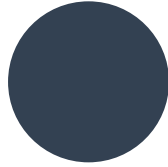




**Hochschule Konstanz**  
University of Applied Sciences



**Course number: MSI 30522**  
**Cloud Application Development**  
**Study Level: Master / Graduate**

**Prof. Dr. Markus Joachim**  
**Eiglsperger**  
**Language of Instruction: English**  
**ECTS Credits: 5**

We will approach cloud computing from a technical perspective. Starting with IaaS (Infrastructure as a Service), we discuss virtualization, hypervisors, build our own cloud with OpenStack. In group projects, we build applications for the cloud, experiencing the challenges with scalable applications in development, testing, and deployment. The course requires programming skills. Assessment of this course is based on a group project.

