Module:	**DLT Lab – practical exercises**
Lecturer:	Prof. Dr.-Ing. Volker Skwarek
Language:	English
Teaching Method:	Lecture and practical exercise
Credit Points:	0.25 ECTS
Attendance requirements:	Required: • Basics of blockchain technologies – esp. Ethereum Advantageous: • Basics of smart contract operations on blockchains
Goals / Skill:	The student shall practise the development, deployment and operation of smart contracts The **focus** of this module is on gaining practical abilities for the development of smart contracts The **goal** is to be able to design and to develop smart contracts in Ethereum using solidity.
Content:	• View Information on Bitcoin and Ethereum • Use Metamask to Send and Receive Tokens from the Browser • Develop owner- and adressee-sensitive smart contracts • ERC20-contract • Develevop a Hyperledger Fabric smart contract
Media Used:	Electronic presentation, active programming
Suggested reading:	