**ADVANCED workbook**

Course assignment:

DLBINGSD01 – Smart Devices I

**Please review the validity of these workbook assignments in the course on myCampus.**

****Assignment 1: Internet of Things****

**Using an example of your choice, describe which hurdles still have to be overcome in order to enter the Intelligent Enterprise with smart devices!**

****Assignment 2: Smart glasses****

**Smart glasses have not yet been able to establish themselves on a broad front in everyday applications. Name five aspects that you think could be the cause of this.**

****Assignment 3: 5G cellular communication****

**Use three examples of your choice to describe which challenges in your everyday life can be solved by a faster mobile data connection via 5G! What are the specific benefits of this?**

****Assignment 4: Mesh topology****

**Name three application scenarios that use a mesh topology. Why is this topology used in the respective application and what is the role of which device?**

****Assignment 5: Touchscreens****

**What are the current limitations on where touchscreen displays can be used? Using three specific examples, outline what developments you think are needed to overcome them.**

****Assignment 6: Smart device management****

**What future developments do you expect that could make smart device management necessary in the context of private applications? What could a solution to this look like?**