



SS-2016-006-MC

Design of a television tower
(Entwurf eines Fernsehturmes)

For the city Dresden, a new television tower is to be designed.

At an elevation of 160 m, a restaurant with all the necessary utility rooms needs to be provided. At an altitude of 180 m two platforms for the installation of antennas are required. On the Spire, a dipole antenna with a length of 20 m is to be placed.

The choice of building materials is free. The existing soil is rocky.

Explain and evaluate your design ideas in terms of design, functionality, cost, building methods etc.

This topic is available only as a project work.

Ansprechpartner / contact person: *Dipl.-Ing. Mathias Quast*
Tel.: 0351 463 36110
Mathias.Quast@tu-dresden.de

