VSB TECHNICAL | FACULTY OF ELECTRICAL | DEPARTMENT
UNIVERSITY | ENGINEERING AND COMPUTER | OF TELECOMMUNICATIONS
OF OSTRAVA | SCIENCE

Classification in Subject Telecommunication Networks (2019/2020)

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Subject: Telecommunication Networks

Classification and instructions for practical exercises

The maximal number of points from practical lessons is **40 points**. The minimal number of points to get a credit is **10 points**.

Test	2 x 10 points
Evaluated practise	7 x 2 points
Report for the testing of mobile phones	3 points
Report from the VoIP technology	3 points
Total:	**40 points**

Evaluated exercises:
- xDSL technology,
- Coverage proposal of indoor wireless systems with I-Prop software tool,
- Computer Networks,
- Coverage proposal of GSM/UMTS/LTE system using the Radiomobile tool,
- LoRaWAN technology,
- Throughput and delay measurements in data networks,
- PON technology.

For these exercises, **homework preparation is required**. Please, follow the instructions in lab sheets in LMS Moodle system (http://lms.vsb.cz/). Students will be evaluated based on home preparation, for answering the questions and for outputs achieved.

Tests No. 1 and No. 2 comprises questions from the lectures (always to the week before). Alternative term (not repetition!) for test No. 1 and No. 2 is reserved for the 14th week of the semester.

Tests are conducted through the LMS Moodle system.

The protocol (report) from the topic *testing of mobile phones* is filled directly during the lesson using a template that is provided in Moodle course. The protocol from the topic *VoIP technology* has to be delivered in the PDF format to LMS Moodle task in time. In any case, follow the teacher's instructions.