

Principles of passing lectures

Credit for the lectures will be given in the form of a multiple-choice test. The test will be posted on the MS Teams platform and will consist of 30 questions on the content presented in the lectures. Each test question will be accompanied by a choice of 1 out of 3 answers. Among the answer set, only 1 answer will be correct. A correct answer to a question earns 1 point. No points are awarded for an incorrect answer. The point thresholds required to obtain individual grades are as follows:

- 3.0- 16- 17 points (50% + 1 point - 59%)
- 3.5- 18- 20 points (60%- 69%)
- 4.0- 21- 23 points (70%- 79%)
- 4.5- 24- 26 points (80%- 89%)
- 5.0- 27- 30 points (90%- 100%)

Scope of project activities and evaluation principles

As part of the project activities it is foreseen to carry out technical and technological calculations for selected wastewater treatment plant solutions. One option is then selected and subjected to further stages of design work. The chosen design variant must be presented and the principle of its operation should be explained

Mark 3.0

- Preparation of technical and technological calculations for the wastewater treatment plant in the assumed variants

Mark 3.5

- Preparation of technical and technological calculations for the wastewater treatment plant in the assumed variants
- One selected element of mark 4.0

Mark 4.0- scope for a mark of 3.0 and:

- Selection of the necessary facilities used for the selected wastewater treatment plant concept
- Preparation of a technical description taking into account the principle of operation of the designed facility

Mark 4.5

- Selection of the necessary facilities used for the selected wastewater treatment plant concept
- Preparation of a technical description taking into account the principle of operation of the designed facility
- One selected element of mark 5.0

Mark 5.0- scope for a mark of 4.0 and:

- Selection of the diameters of the wastewater conveying pipes at the various stages
- Preparation of drawings of the designed wastewater treatment plant, taking into account:

1. Technological scheme
2. Necessary cross-sections of primary settling tank

Necessary cross-sections of biological reactor and secondary settling tank (if required)