

Tárgytematika / Course Description

Measurement and Data Processing

GKNB_AMTA018**Tárgyfelelős neve /****Teacher's name:** Kovács Gergely**Félév / Semester:** 2022/23/1**Beszámolási forma /****Assesment:** Folyamatos számonkérés**Tárgy heti óraszám /****Teaching hours(week):** 1/0/1**Tárgy féléves óraszám /****Teaching hours(sem.):** 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

To get to know the basic electric quantities is the most important goal of this module and getting to know in practice the basics of electrical measurement technology.

TANTÁRGY TARTALMA / DESCRIPTION

1.hét	Opening information session: - Description of project task; - Organization of the week.
2.hét	Lecture 1: Presentation about basics Solution of some examples Lecture 2: Measurement basics
3.hét	Measurement practice
4.hét	Project work (measurement independently)

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

Evaluation will take place as follows: written or oral assessment of atoms (50%) AND class and project participation (50%).

Written or oral assessment of atoms (50%): will evaluate students' knowledge related to the course material. The assessment takes place throughout the semester.

Class and project participation (50%):

- Class participation (20%) will be evaluated based on presence and the quality of questions and comments during class time. Throughout the semester at least three (3) substantive questions are expected from each student during class or consultation time
- Successful completion of project work related to the course throughout the semester (30%)

Assessment is performed on a scale of five grades. Grades will be determined as follows:

0-51% fail,
52-61% passable,
62-71% satisfactory,
72-81% good,
82-100% excellent.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Lessons In Electric Circuits, Volume I – DC