

Tárgytematika / Course Description

Material- and Manufacturing Technology 2.

AJNB_ATTA019

Tárgyfelelős neve /

Teacher's name: dr. Dogossy Gábor

Félév / Semester: 2021/22/2

Beszámolási forma /

Assesment: Folyamatos számonkérés

Tárgy heti óraszám /

Teaching hours(week): 2/0/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

The aim of the subject is to give an overview on manufacturing technologies. The goal is to enable the student to select a manufacturing technology for an engineering part with given functions and operating conditions. The subject gives additional knowledge the operation of production cells and production simulation as well.

TANTÁRGY TARTALMA / DESCRIPTION

- Machining technology (milling, drilling, turning)
- Joining technology (welding, brazing, adhesive)
- Production cells
- Production simulation

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

As specified on the first lesson.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

M. Ashby et al: Engineering Materials and Processes, Butterworth 2009, ISBN 978 185 617 586 9 (e-Book: 978 008 087 839 3)

E.J. Mittemeijer: Fundamentals of Materials Science, Springer, 2011, ISBN 978-3-642-42318-5 (e-Book: 978-3-642-10500-5)

