

Course of the lecture implementation at Productronic and Forming Systems (PaFS) 2018

Lecturer: 1. Prof. Dr. Niko Herakovič
2. Associate Prof. Dr. Tomaž Pepelnjak
3. Assistant Prof. Dr. Marko Šimic

Laboratory assistants: 1. Marko Šimic
2. Others: Luka Sevšek, Matjaž Rot

Schedule of lectures: according to the timetable schedule and agreement in cases when necessary.

Mandatory presence at laboratory exercises: 80%, otherwise the exercises are not successfully completed and the students cannot obtain the grade from that part. In the case of missing the exercise, the student should bring the proper document (Doctors note).

Within the lectures, the students will have 2 midterms as follows:

1st midterm The content based on first half of the lectures (end of November during scheduled lectures). The date will be defined later during the lectures.

2nd midterm: The content based on second half of the lectures (at the last lecture).

Writing of midterm takes 90 minutes. A positive grade is achieved if the student reaches at least 51%. If one of the midterms is negative (below 51%), only the negative midterm can be repeated at official exams during the first examination period (January and February 2019).

Students with a positive grade (min. 6 out of 10) of both midterms pass the exam of theoretical part.

The average grade of theoretical part is calculated and presents the final grade of the theoretical part. Those who pass the exam with midterms should apply for the exam in the first examination period after completing the lectures. Only in the first examination period (January and February 2019), the grade can be improved with an oral defence.

If the student fails both midterms he/she must pass exam of the entire subject of the course.

How to sign up for the exam (will be solved in the future):

The registration and check-out of the examination period takes place according to the rules that apply to the FS and are available in Student's office at FS or on the FS website. Anyone who does not attend the exam and does not check-out from the exam beforehand, his examination deadline falls due even if he does not come to the exam. We do not return exam forms.

Web address of the laboratory LASIM: <http://web.fs.uni-lj.si/lasim/>

Web address of the laboratory LAP: <http://lab.fs.uni-lj.si/lap/>

Password: given at first lecture

Ljubljana, 3.10.2018



Prof. dr. Niko Herakovič

Productronic and Forming Systems – Exercises 2018

Number of students: 13

Number of groups VP: 1 (2h)

Number of groups LV1: 1 (14h)

Number of groups LV2: 2 (14h)

List of exercises (13)
Introduction, location of lab, presentation of equipment (suggestion: Friday 5.10.2018 at 13:00-14:00, classroom III/3B or 13:00-14:00 S-II/78)
Eccentric press 1, LAPI
Eccentric press 2, LAPI
Modelling of eccentric press (DSHplus), S-II/78
Analysing the eccentric press model (DSHplus), S-II/78
Software NI Labview, S-II/78
Hydraulic press and deep drawing (Litostroj), LAP2
Servo hydraulic press 1, SK-13
Servo hydraulic press 2, SK-13
Modelling of hydraulic press 1, S-II/78
Modelling of hydraulic press 2, S-II/78
Dynamic characteristics of servo hydraulic press model, S-II/78
Analysing the deep drawing process by using simulation model, S-II/78
Final exercise, discussion, final grades, etc.