Course title: Practicum
Course code: 90536
ECTS credits: 3
Requirements: None
Basic information
Level of studies: Undergraduate applied studies
Year of study:3
Trimester: 9
Goal: Depending on the choice of the student's area of interest, the following goals are achieved: (1) The student is trained to create multimedia content. Through practical work the student should develop his creativity and sense of design. (2) The students is trained to plan and implement sensor networks on different hardware platforms. (3) Practical implementations of various solutions within the ERP system business software.
Outcome: Depending on the chosen field, the student is trained to: (1) work with various software tools used to create multimedia content. Through practical work the student develops his creative abilities. (2) create, configure and adapt various design solutions of sensor networks for work in real conditions (3) adapt system business software to the corporate business conditions of different companies
Contents of the course
Theoretical instruction
Practical instruction (Problem solving sessions/Lab work/Practical training)
1. Creating multimedia content using software tools, Adobe Photoshop, Adobe Premier, Sound Forge.
2. Practical solutions of sensor networks that are realized on hardware platforms Arduino and Rosberry Pi. Programming of PLC platforms for connection to sensor networks.
3. Customization of system business software ERP (SAP) on the business examples of different companies
Textbooks and References

1. B. Dayley, D. Dayley,"Adobe Photoshop CS6 Bible", Wiley Publication 2012.
2. Adobe Creative Team,"Adobe Premiere Pro CS6 Classroom in a Book 1st Edition", Adobe Press,2012.
3. R. Faludi,"Building Wireless Sensor Networks",Published by O'Reilly Media, Inc 2011.
4. E. Monk, B. Wagner, "Concepts in Enterprise Resource Planning 4th Edition",Course Technology, 2012.
Number of active classes (weekly)
Lectures: 0
Practical classes: 3
Other types of classes: 0
Grading (maximum number of points: 100)
Pre-exam obligations: Points
Activities during lectures: 0
Activities on practical exercises: 50
Seminary work:
Colloquium: 0
Final exam: Points
Written exam: 50
Oral exam:
Lecturer
Nikola Slavković, PhD; Vitomir Radosavljević, PhD; Marija Zajeganović
Associate