SYLLABUS

1. Course title:

Tools for Technical Documentation

2. Code:

TK001

3. Cycle of study:

1

4. ECTS credits:

5

5. Type of course:

(●) Mandatory ( ) Elective

6. Prerequisites:

None

7. Class restrictions:

None

8. Duration / semester:

1 2

9. Weekly contact hours:

9.1. Lectures: 3

9.2. Seminars: 1

9.3. Laboratory/Practice classes: 0

10. Faculty:

Faculty of Electrical Engineering

11. Department/study program:

Electrical Engineering and Computer Science

12. Lecturer:

Ph.D. Asmir Gogić, assistant prof.

13. Lecturer's e-mail:

asmir.gogic@untz.ba

14. Web site:

(max. 50 characters)

15. Course aims:

The course aims to provide basic principles of the document preparation process on the basis of separating content from presentation forms.

16. Learning outcomes:

Students will gain skills required for preparation of web based documents (Web pages, manuals, reports, articles, etc) using HTML and offline tools such as Latex preparation system.

17. Course content:

Principles of content and form separation. Concept of markup languages. The basics of HTML. HTML components: images, tables, div, article, section, links, forms. CSS concept. Latex document preparation process, PDF, PS document generation

18. Learning methods:

- Lectures aided with multi-medial presentations and active discussion with students
- Practical laboratory exercise

19. Assessment methods:

Two homework's during the semester and final written exam. Final exam covers all lectures covered during the semester and it includes multiple choice problems, theoretical questions and numerical problems. Students can take final exam only if he/she achieved minimum of 10 points during the semester.

20. Assessment components:

Activity	Points
Homework & projects during semester	60
Final exam	40
Total	100

21. Required reading list:

- Bruce Lawson, Remy Sharp, Introducing HTML5 , New Riders Press, 2011
- Leslie Lamport, LaTeX: A Document Preparation System (2nd Edition),
- Helmut Kopka and Patrick W. Daly, A Guide to LaTeX: Tools and Techniques for Computer Typesetting, Addison Wesley, 4th Edition, ISBN: 0321173856
- Eric T Freeman, Elisabeth Freeman and Elisabeth Robson, Head First HTML with CSS & XHTML, O'Reilly Media, 2005

22. Web sources:

(max. 687 characters)

23. Applicable starting from the academic year:

2016/17

24. Adopted in the Faculty/Academy session:

04.04.2016