| Add. 3 | | Course program for the first, second and third degree of studies | | | |
|---|---|---|---|---|---|
| 1. | Course title | Internet and WEB design | | | |
| 2. | Code | 163 | | | |
| 3. | Study group(s) | PInf | | | |
| 4. | The organizer of the study program (unit, institute, department) | Faculty of Mechanical Engineering - Skopje, Ss. Cyril and Methodius University in Skopje | | | |
| 5. | Level (first, second, third degree) | First | | | |
| 6. | Academic year / semester | Summer | 7. | Number of ECTS credits | 6 |
| 8. | Professor | Ass. Prof. Gligorce Vrtanoski | | | |
| 9. | Preconditions for enrolling the course | None | | | |
| 10. | Purpose of the course program (competences): Acquaintance with need for INTERNET, programming with HTML, DHTML, EHTML and VRML language and the creation of simulation JAVA-script models. Conception, types and ways of design on the Web pages. | | | | |
| 11. | Contents of the course program: Introduction to Internet information system. Preview of the Internet technology. Standards and protocols in the Internet system. Basics of HTML language. Basic Web concept. Concept of Web content and Web page design. Texts, frames, tables, and graphics on a Web page. Mulitimedia, audio, video and animation content of the Web page. Advanced HTML / DHTML language and navigation graphics. 3D graphics and virtual reality - VRML. Designing a Web environment - links. Introduction and implementation of Javascript. | | | | |
| 12. | Study methods: Interactive teaching, Laboratory and/or in-class exercises, individual and/or team work on projects, self-study. | | | | |
| 13. | Total available time period | 6 ECTS x 30 hours = 180 hours | | | |
| 14. | Available time assessment | 30 + 30 + 30 + 30 + 60 = 180 hours | | | |
| 15. | Educational activity module | 15.1. | Teaching lectures | | 30 hours |
| | | 15.2. | Practice, seminars, team work | | 30 hours |
| 16. | Other activity module | 16.1. | Project assignments | | 40 hours |
| | | 16.2. | Selfrunning assignments | | 20 hours |
| | | 16.3. | Home studying | | 60 hours |
| 17. | Evaluation methods | | | | |
| | 17.1. | Tests | | | 0 points |
| | 17.2. | Projects | | | 90 points |
| | 17.3. | Activity and participation | | | 10 points |
| 18. | Evaluation criteria (points and marks) | | Under 50 | | 5 (five) (F) |
| | | | 51 - 60 points | | 6 (six) (E) |
| | | | 61 - 70 points | | 7 (seven) (D) |
| | | | 71- 80 points | | 8 (eight) (C) |
| | | | 81 - 90 points | | 9 (nine) (B) |
| | | | 91 - 100 points | | 10 (ten) (A) |
| 19. | Signature and final exam requirements | Realized activity 17.2 | | | |
| 20. | Language used for performing the teaching | Macedonian language | | | |
| 21. | Method used for following the teaching quality | Surveys and other forms of continuous evaluation | | | |

| 22. | References | | | | | |
|-----|-----------|---|---|---|---|---|
| | 22.1. | Main references | | | | |
| | | No. | Author | Title | Publisher | Year |
| | | 1. | Gligorce Vrtanoski | Non-authorized for Internet and WEB design | Faculty of Mechanical Engineering - Skopje | |
| | | 2. | | | | |
| | | 3. | | | | |
| | 22.2. | Additional references | | | | |
| | | No. | Author | Title | Publisher | Year |
| | | 1. | | | | |
| | | 2. | | | | |
| | | 3. | | | | |