



„E-GIMNASIJUM“

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ELECTIVE AND OPTIONAL SUBJECTS

In addition to regular informatics taught according to the Rulebook of General Gymnasium Work, within subject teaching, students are provided with a large number of additional subjects from the area of informatics. Access to students and method of work with elective subjects has a primary basis. Elective and optional subjects are not included in the grade point average.

YEAR I

1. Religious Education or Civics (as selected)
2. Third foreign language (according to the inquiry selection)
3. Programming basics (Delphi, C++, PHP)
4. Basics of computer design (Coreldraw, Adobe Photoshop, QuarkXpress)
5. Work on the Internet and services (tcp/ip, email, web, wap, ftp, search, viruses, anti-viruses)

YEAR II

1. Religious Education or Civics (continuation from the first year)
2. Third foreign language (continuation from the first year)
3. Programming (C#, PHP, ASP, XML)
4. Databases (MySQL, MSSql)
5. Computer Design (Adobe Illustrator, Adobe Photoshop, InDesign)
6. Web Design (Adobe Photoshop, Macromedia Flash)

YEAR III and IV

1. Religious Education or Civics (continuation from the first year)
2. Third foreign language (continuation from the first year)
3. Programming with databases (C#, more complex business projects and development of computer games)
4. Internet Programming (project from the domain: PHP/MySQL and Java)
5. Web Design (web workshops, development of complex web projects, every student will have to have a personal website to maintain and post their own seminar papers onto it and to publish completed homework assignments).
6. Mobile telephony (implementation and use of all information technologies for mobile phones with development of Java application)
7. Video instalment (Adobe Premiere and Sony Vegas)

-Physical Education (mandatory subject with inquiry selection every year regarding the type of sport: swimming, grand tennis, mountain climbing, football, basketball or volleyball)

-During education, optional subjects will be offered to students depending on the subjects that were previously studied meaning that it is not possible to study some matter and areas whose bases have not been previously taught.

- Students will have a CYBER-ROOM available during the day. This is where they will be able to ask questions to an on-call expert regarding computer sciences, or discuss informatics issues, adjust their laptop software, use fast Internet and new software or even try out new games!