

## **Today's Concepts of Teaching Computer Science Basics and Occupational Profile of Software Engineer**

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**Abstract.** In the paper the technique of teaching the basics of computer science (CS) has been discussed. The level of knowledge and skills for students beginning CS study has been defined. Starting from this requirements, the process of teaching IT in secondary school was analyzed. The role of programming skills was underlined. Methods and tools necessary to reach the proper level of these skills and solve real problems has been discussed.

**Key words:** education, IT teaching, programming skills, syllabus