Today’s Concepts of Teaching Computer Science Basics and Occupational Profile of Software Engineer

Henryk BUDZISZ, Krzysztof KADOWSKI, Walery SUSLOW

Technical University of Koszalin, Department of Electronics and Computer Science
ul. Śniadeckich 2, 75-453 Koszalin, Poland

Received June 6, 2004
Revised manuscript obtained December 27, 2004

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