PDCA METHODOLOGY OF IT SUBJECTS ADAPTATION: THE CASE OF COMPUTER NETWORKS COURSE

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Abstract: *Dynamic nature of information technology (IT) requires a constant update of IT-related subjects and introduction of acme teaching methods. The paper shows a general methodology of IT course adaptation, applied on Computer Networks course at Faculty of Technical Sciences Čačak. It is based on the well-known PDCA cycle, with the following elements: (Plan) The labor market needs are analyzed, as well as foreign study programs and the adaptation is planned. The e-learning component' fostering is also defined in order to correct the evidenced teaching lacks. (Do)The methodology is going to be implemented in even semester of the school year 2018/2019. (Check) The evaluation is going to be conducted both internally and externally. Results from the exams are going to be analyzed. (Act) Required action is taken by mean of completing materials, peer constructing knowledge and error correcting. It is expected that the methodology will be applicable to other IT subjects.*

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