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Paper

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Information Technology Programs at Polish Universities

Engineering education must follow fast changes in science and technology. Also the context of international changes is important. Engineer becomes role of integrator, manager, leader and innovator. The context of engineering education includes economic, social factors based on good scientific background. In this context the engineering education system must look for new solution. The universities programs must be much more flexible, but still offer education on the respective level. The traditional open loop system of accreditation is focused only on the general academic standard - input measurements. Looking for new solution – the only possibility to obtain high level is to introduce close loop system which contains self-assessment process. This new accreditation philosophy is less restrictive concerning detailed quantitative requirements and provides more flexibility in designing of program and its objectives. Accreditation becomes an evaluation of the dynamic process of quality assurance in education. Base on the above the review of Information Technology Education programs proposed at Polish Universities are discussed.