The Role of ABET Quality assurance in Identifying Engineering Education Deficiencies: A diagnostic tool

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Abstract: The purpose of this paper is to investigate the role of ABET quality assurance program for engineering education in recognizing deficiencies in the educational process. A case study was conducted in one of the largest Engineering Faculties in Palestinian universities using student surveys, instructors assessment documents, and semi-structured interviews at different administrative levels. Results show that ABET quality assurance program allowed for the identification of conspicuous deficiencies in terms of students' attainments, stakeholders' satisfaction, safety instructions and educational process documentation. The value of this paper is that it attempts to incorporate the role of ABET as a quality assurance program with revealing educational process deficiencies to promote stakeholders satisfaction.

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