

ASSESSMENT OF PROGRAM OUTCOMES AND PSYCHOMOTOR DOMAIN FOR CONTROL SYSTEM LABORATORY

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Abstract

This paper discusses on the method used in assessing the program outcomes (POs) and psychomotor domain level in control system laboratory. In engineering education, laboratory experiments or practical works are combined with the curriculum to prepare students for engineering experience and practice. Laboratory experiments provide knowledge and skills to the relevant engineering field. This paper carry out a systematic approach to assess the level of practical skills and POs obtained by students after conducting the experiments with reference to psychomotor domain taxonomy. Key performance indicators are written so as to assess the level of student's practical skills in achieving the identified program outcomes. This assessment is important in producing graduates who are able to combine the theory and practical of the electrical engineering courses as well as to perform the practical skills.

Keywords: Assessment, Program Outcome, Psychomotor Domain Level.