

# The Development of Innovation of The Force from Magnetic Fields Acting on the Wire with an Electric Current Flowing Through in Physics for Undergraduate Students

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The researcher has succeeded in creating innovative learning of “The Force from Magnetic Fields Acting on the Wire with an Electric Current Flowing Through” using for teaching and learning in Physics for Science Teachers 2 subject. The objectives of this research were (1) to study the efficiency of innovative learning. (2) to identify the learning achievement and (3) to measure the level of satisfaction of innovative learning. The respondents are 63 second year students of the Faculty of Education of Bansomdejchaopraya Rajabhat University. The findings revealed that the innovative learning has efficiency higher than a defined criteria 95/85. The posttest is significantly higher than the pretest scores at .01 level of significance. The level of satisfaction in terms of students interest in innovation and knowledge understanding is 4.26 which is interpreted as Good. Students remarked that the innovation feature is interesting, novelty, easy to use, comprehensible, inexpensive and conveniently available.

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