

Developing learning media for practicing basics of automotive electronics and electricity

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ABSTRACT

Learning media has been recognized to have a significant effect on students' achievement in the learning process. Therefore, this study aims to develop learning media for practicing the basics of automotive electronics and electricity in Automotive Engineering Education Department, Faculty of Engineering, Universitas Negeri Yogyakarta. This research and development study consists of 4 stages including define, design, development, and dissemination. The media feasibility assessment was obtained from lecturers and students who had taken electrical and basic automotive electronics courses. The results of the assessment indicate that the learning media developed in accordance with the objectives of learning outcomes can facilitate students to achieve the competencies learned, have a good layout, and can provide benefits for students. The media developed needs to be implemented to determine its impact on student learning outcomes in electrical and basic automotive electronics courses.

Kata Kunci: learning media, basics of automotive electricity, practice