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Does proficiency in units and measurements contribute towards success in first year university physics?

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Abstract content
   (Max 300 words)
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Basic physics principles may be understood well if students are proficient in fundamental and derived units. A correlation between the two was investigated in Physics modules offered for Engineering and Health faculties at University of Johannesburg (UJ). The results from this investigation established a reliable correlation between the proficiency in units and measurement and their performance in theoretical and practical components of physics courses at UJ. The performance varied from modules to modules depending on the quality of students entering the university. This report has endeavored to provide us with some insight into the competence levels of students engaged in scientific enquiry.

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