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Improving novice Physical Sciences teachers learning and understanding of basic dynamics by multiple representation in physics

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The Department of Physics and Astronomy at the University of the Western Cape partnered with Western Cape Education Department (WCED) in their Teacher Mentorship Programme. The role of the department in the programme is to provide short Continuous Education (CE) courses on different physics topics in the Physical Sciences CAPs curriculum identified by WCED. This paper reports on the Dynamics CE course which aims to improve novice Physical Sciences teachers' learning and understanding of basic dynamics by multiple representation in physics. The impact of the CE course on teachers' learning and understanding was derived from Pre-and Post-test results. In his paper the WCED Mentorship Programme and Dynamics CE course will be described and findings will be presented and discussed.

Apply to be considered for a student ; award (Yes / No)?

N/A

Level for award;(Hons, MSc, PhD, N/A)?

N/A

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