

## **Investigating the Impact of E-Learning Support Material on First Year Engineering Students' Mathematics Learning**

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**ABSTRACT** Addressing first year engineering students' basic mathematical competencies have become a prime focus for many higher education institutions in South Africa. Improving these mathematical competences early during the students' studies is an onerous task. This paper reports on an e-interaction of first year engineering students in mathematics. The findings of the research suggested that the design and implementation of e-learning content could be used to assist students in improving their basic mathematical skills. Within the domain of sustainable learning, the educational attainment is possible by managing an e-learning environment effectively.