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Integrating Case Studies in Engineering Mathematics: A Response to SARTOR 3.

Teach. High. Educ. 6, No. 2, 203-15 (2001).

Describes an approach to engineering mathematics instruction that uses case studies, not as illustrations of applications after a mathematical topic has been discussed, but in a fully integrated, central role as vehicles for whole group discussion from which students discover the necessary mathematics, which is subsequently taught. Discusses results from use of the approach with 50 first-year engineering students. (ERIC)

Classification: D45

Keywords: case method (teaching technique)

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