Winkel, Brian. 2011. Cross coursing in mathematics: physical modelling in differential equations crossing to discrete dynamical systems', *International Journal of Mathematical Education in Science and Technology*. 43(2): 358-262.

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We give an example of cross coursing in which a subject or approach in one course in undergraduate mathematics is used in a completely different course. This situation crosses falling body modeling in upper level differential equations course into a modest discrete dynamical systems unit of a first year mathematics course.