

Abstract Submitted
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Integrating Computation Into the Curriculum at Eastern Michigan University DAVID PAWLOWSKI, ERNEST BEHRINGER, Eastern Michigan University — Over the past few years, the Physics Department at Eastern Michigan University has drastically increased the focus of using computation in the physics curriculum. Starting in the 2017 academic year, two previously developed computational physics courses will become part of every physics student's program of study. The two course model was developed with the aim of providing students with 1) an introduction to using computers to do physics early in their undergraduate career without heavy focus on algorithm development and 2) further exploration in computational physics for application at the upper level, while fitting within existing program constraints. The focus of this presentation will be on the development of these courses and their implementation.

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