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The evolution of the undergraduate physics curriculum at the University of Guelph

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Over the past decade we have made many changes to our undergraduate physics offerings, both for majors and non-majors alike. Throughout this process our goal has been to implement best practices from the Physics Education Research community, in such a way that we are mindful of resource implications. I will highlight some of the more significant changes we have made, such as designing and delivering an integrated course in first year that combines physics and calculus in a coordinated way, introducing gaming elements into our online course content for non-majors, and overhauling the full suite of undergraduate laboratory courses for our majors to provide more opportunities for guided inquiry. The presentation will also include a discussion of what we have learned along the way, as well as plans for the future.

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