## Math 263 - Multivariable Calculus

## Spring Semester 2019

Section 002:  MWF 10:25 am – 12:20 pm  (233 Dumbach Hall)



* [Ground Rules](http://www.math.luc.edu/~ajs/courses/spring2019/263spring2019/groundRules.pdf)
* [Syllabus](http://www.luc.edu/math/academics/courses/math263/)
* [WebAssign](https://www.webassign.net/luc/login.html)
* Homework & Reading Assignments
* [Piazza](http://piazza.com/luc/spring2019/math263/home)
* [Questions for class discussion](http://www.math.luc.edu/~ajs/courses/263spring2017/groupwork.pdf)
* [Mathematica Tutorials](http://webpages.math.luc.edu/~ajs/courses/spring2019/263spring2019/Mathematica/MathematicaSites.pdf)
* Mathematica Examples and Labs ([Lab I](http://www.math.luc.edu/~ajs/courses/263spring2017/Mathematica/labs/lab1.pdf); [Graph examples](http://www.math.luc.edu/~ajs/courses/263spring2017/Mathematica/examples/graphExamples.nb))
* Practice Tests
* Quiz Solutions
* Test Solutions
* Useful References ([Greek alphabet](http://www.ibiblio.org/koine/greek/lessons/alphabet.html), [supplementary texts](http://webpages.math.luc.edu/~ajs/courses/spring2019/263spring2019/recommendedTexts.pdf))
* MIT OCW for Multivariable Calculus ([18.02: Prof Denis Auroux](http://ocw.mit.edu/courses/mathematics/18-02-multivariable-calculus-fall-2007/); [MV Calculus revisited: Prof Herb Gross](http://ocw.mit.edu/resources/res-18-007-calculus-revisited-multivariable-calculus-fall-2011/index.htm))
* History: ([Guido Fubini](http://www.gap-system.org/~history/Biographies/Fubini.html), [Carl Jacobi](http://www.gap-system.org/~history/Biographies/Jacobi.html), [Michael Faraday](http://scienceworld.wolfram.com/biography/Faraday.html), [George Green](http://www-history.mcs.st-andrews.ac.uk/Biographies/Green.html), [George Stokes](http://www-history.mcs.st-andrews.ac.uk/Biographies/Stokes.html), [Carl Friedrich Gauss](http://www-history.mcs.st-andrews.ac.uk/Biographies/Gauss.html), [Joseph-Louis LaGrange](http://www.gap-system.org/~history/Biographies/Lagrange.html), [William Hamilton](http://www-history.mcs.st-and.ac.uk/Biographies/Hamilton.html), [James Maxwell](http://www.gap-system.org/~history/Biographies/Maxwell.html), [Josiah Gibbs](http://www-history.mcs.st-and.ac.uk/Biographies/Gibbs.html))



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