

MATH 255

From MIT Open Courseware:

Click on the links to navigate to vector calculus topics at MIT open courseware:

- Parametric equations
<http://ocw.mit.edu/courses/mathematics/18-02sc-multivariable-calculus-fall-2010/part-c-parametric-equations-for-curves/>
- Vector fields and line integrals
<http://ocw.mit.edu/courses/mathematics/18-02sc-multivariable-calculus-fall-2010/part-b-vector-fields-and-line-integrals/>
- Greens theorem
<http://ocw.mit.edu/courses/mathematics/18-02sc-multivariable-calculus-fall-2010/part-c-greens-theorem/>
- Flux and the divergence theorem
<http://ocw.mit.edu/courses/mathematics/18-02sc-multivariable-calculus-fall-2010/part-b-flux-and-the-divergence-theorem/>
- Line integrals and Stokes theorem
<http://ocw.mit.edu/courses/mathematics/18-02sc-multivariable-calculus-fall-2010/part-c-line-integrals-and-stokes-theorem/>
- Applications of vector calculus to physics
<http://ocw.mit.edu/courses/mathematics/18-02sc-multivariable-calculus-fall-2010/physics-applications/>

From Khan Academy:

The following link navigates to a large number of topics on vector calculus at Khan Academy:

<http://www.khanacademy.org/math/calculus/#math/calculus>

Other Links:

The following link navigates to a series of older lectures on multi-variable and vector calculus at MIT opencoursewares youtube channel:

<http://www.youtube.com/playlist?list=PL1C22D4DED943EF7B&feature=plcp>