

# Recommended Video Lectures for Multivariable Calculus

I suggest the students to go through the following video lectures, Link 1-6 are lectures on Multivariable Calculus from MIT OPEN COURSE WARE. Link 7 will provide video lectures on Multivariable Calculus from NPTEL.

1. <https://ocw.mit.edu/courses/mathematics/18-02-multivariable-calculus-fall-2007/video-lectures/lecture-8-partial-derivatives/>
2. <https://ocw.mit.edu/courses/mathematics/18-02-multivariable-calculus-fall-2007/video-lectures/lecture-9-max-min-and-least-squares/>
3. <https://ocw.mit.edu/courses/mathematics/18-02-multivariable-calculus-fall-2007/video-lectures/lecture-10-second-derivative-test/>
4. <https://ocw.mit.edu/courses/mathematics/18-02-multivariable-calculus-fall-2007/video-lectures/lecture-11-chain-rule/>
5. <https://ocw.mit.edu/courses/mathematics/18-02-multivariable-calculus-fall-2007/video-lectures/lecture-12-gradient/>
6. <https://ocw.mit.edu/courses/mathematics/18-02-multivariable-calculus-fall-2007/video-lectures/lecture-13-lagrange-multipliers/>
7. <https://nptel.ac.in/courses/111107108/>