

About this course

This course, MAT 126 (Calculus B), is the second course in the calculus sequence MAT 125, MAT 126, MAT 127. It covers indefinite and definite integrals, Riemann sums, The Fundamental Theorem of Calculus, integration techniques, improper integrals, application of integrals: volumes, arc length, mechanical work, hydrostatic pressure.

All the material in MAT 126 is also covered by MAT 131 (partially) and MAT 132, although the posted material here is distinct.

This course contains 27 Video Lectures (given by David Khan) with transcripts and homeworks with answer key and solutions.

The textbook is Gilbert Strang *Calculus. Volume 2*. (available for free on Openstax):

<https://openstax.org/details/books/calculus-volume-2>