

MATH 200 (Section 201)
Calculus III
Session 2015W Term 1 (Jan–Apr 2016)
<http://www.math.ubc.ca/~nagata/m200/>

Description:

- From the UBC Calendar: “Analytic geometry in 2 and 3 dimensions, partial and directional derivatives, chain rule, maxima and minima, second derivative test, Lagrange multipliers, multiple integrals with applications. . . .”

Topic prerequisites:

- Differential calculus of one variable (e.g. MATH 100)
- Integral calculus of one variable (e.g. MATH 101)

Instructor:

- Section 201: Wayne Nagata (office: Math 112, e-mail: nagata@math.ubc.ca)

Textbook:

- James Stewart, *Multivariable Calculus*, Wiley (7th Edition).

Topics:

1. Vectors and the geometry of space [Chapter 12, plus 10.5]
2. Partial derivatives [Chapter 14]
3. Multiple integrals [Chapter 15, plus 10.3]