

MATHEMATICS & STATISTICS

SECOND YEAR COURSES

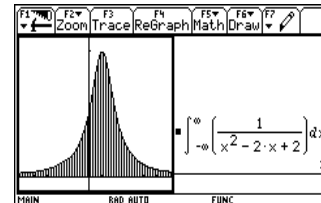
Math 205 Introduction to Probability and Statistics (3)

Prerequisite: Math 126 with at least a “C-” grade

Transfer: UBC Stat 241 or Stat 251 (Eng.)
SFU Stat 270
UNBC Stat 371

Content: Finding probabilities from first principles; probability distributions and applications; statistical summary measures; extending sample findings to inferences about a population.

Audience: Statistics, computing, engineering and mathematics.



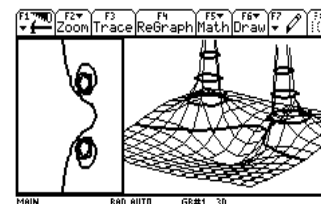
Math 230 Calculus III (3)

Prerequisite: Math 126 with at least a “C-” grade

Transfer: UBC Math 200 or Math 253 (Eng.)
SFU Math 251 UVic Math 200 level
UNBC Math 2XX

Content: The extension of the techniques of differential and integral calculus to 3-space; optimization applications; transformations to various coordinate systems including cylindrical and spherical.

Audience: Mathematics, statistics, biochemistry, chemistry, computing, engineering, physics, astronomy, climatology, environmental science, geology, geophysics, geomorphology, physical geography, and physiology.



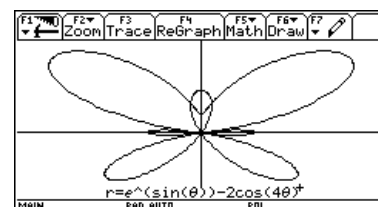
Math 235 Introduction to Differential Equations (3)

Prerequisite: Math 126 with at least a “C-” grade
Math 152 or Math 200 with at least a “C-” grade

Transfer: UBC Math 215 or Math 255 (Eng.)
SFU Math 310 UVic Math 200 level
UNBC Math 230

Content: Methods for solving differential equations with an emphasis on applications to science and engineering.

Audience: Mathematics, engineering, physics, astronomy, and geophysics.



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