



NASSAU COMMUNITY COLLEGE

DEPARTMENT OF MATHEMATICS-COMPUTER SCIENCE-INFORMATION TECHNOLOGY

Course Syllabus for MAT 225 Multivariable Calculus

Course Information

- Title: Multivariable Calculus
- Credit Hours: 4 Credits
- Number: MAT 225
- Section: WA CRN: 81382
- Semester/Term: SUMMER II 2018 (7/2/2018 - 8/2/2018)
- Meeting time: M-R, 6:30PM - 9:20PM
- Location: B218

Instructor/Contact Information

- Name: PROFESSOR A. Jorge Garcia
- Math Office telephone and fax numbers: 516-572-7383/ 516-572-9715
- Email address: alver.garcia-fernandez@ncc.edu
- Blackboard link: You can access the BlackBoard for this course through the NCC Portal, following the link to NCC Online.

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*** Math Center B118 – Under renovations and has moved to B109!*

*** Math Center B109 – Please use this resource for extra help. Bring your ID!*

*** We will not be using Blackboard. Please join my Edmodo page for this course!*

Course Description

- MAT 225 Multivariable Calculus
- Prerequisite: Students must have passed MAT 123 Calculus 2 with at least a C.
- Description: Curves and surfaces in three dimensional space, partial derivatives, gradient, constrained and unconstrained optimization, vector fields, parametric curves and surfaces. Integration topics include multiple integrals, volume, area, line and surface integrals, flux, divergence
- Calculator Requirement: BYOD - TI84, TI86, TI89 or TI nSpire CX CAS (recommended)
- Computing Requirement: BYOD* - Laptop or Tablet.
(<http://sagecell.sagemath.org>)

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Barbara Jaworski, Anne Watson



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