Carleton U, School of Math & Stats Precalculus: Functions and Graphs

(Dr. %J Cova Cova)

Summer 2022

- Pre-REQUISITES: Grade 11 Functions and Relations (University Preparation), or Grade 11 Functions (University/College Preparation), or equivalent. Students who do not have the stated prerequisite may be automatically deregistered during the term.
- © OFFICE: HP 5250. PHONE: 520-2600 ext 1983.
- E-MAIL: rcova@math.carleton.ca
- $\ \ \, \underline{\mathbb{WEBSITE}}:$ https://brightspace.carleton.ca
- $\$ LECTURES: Tuesday, Thursday @ 18:35 19:55 h, Nicol Building 420.
- © CONSULTATION HOURS: Tuesday, 17:00 18:00 h @ HP 5250.
- TEXTBOOK: Basic Technical Mathematics, by Allyn J. Washington (11th Edition).
- © General CONTENTS: : Basic algebraic operations. Functions and graphs. Systems of linear equations. Factoring and fractions. Quadratic equations. Exponents and radicals. Complex numbers. Exponential and logarithmic functions. Equations of higher degree. Inequalities.

Sections from the textbook: 1.1, 1.2, 1.4, 1.6-1.10; 3.1-3.4; 5.1, 5.2, 5.3; 6.1-6.7, 7.1, 7.3; 11.1-11.5, ; 12.1, 12.2; 13.1-13.3, 13.5, 13.6; 15.1-15.3; 17.1-17.4.

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- □ GRADING SCHEME: Tests 60 %. Final Examination 40 %.

02 June, 30 June, 14 July, 26 July, 13 August.

- ★ Final Examination: This is the customary three-hour exam during the period 19 25 August. The exact date and venue will be announced by the university in due course.
- Remark: No make-up, early, or delayed tests will be held. Missing tests will count as zero. Absence from a test can only be excused by ill-health, events of extreme personal misfortune, jury duty, &c., supported by appropriate documentation.
- CALCULATORS: No calculators are permitted in our evaluations. This is not a problem because all the math operations in this course are elementary.
- MOMEWORK: A number of exercises from the textbook will be suggested. This homework is not to be handed in, nor will it be graded.
- Math TUTORIAL CENTRE: Great facility located @ HP 3422. Pop in for details.
- WITHDRAWAL: The last day for withdrawing the course is 16 August.
- ACADEMIC ACCOMMODATION: Kindly apply before the Paul Menton Centre (500 University Centre) as soon as possible. Please visit the university website for details.
- Academic INTEGRITY: Please read section 14 of the academic regulations, which may be found at http://calendar.carleton.ca/undergrad/regulations.

 \star the outline might change depending on the course dynamics \star