


Carleton U, School of Math & Stats

Precalculus: Functions and Graphs


Dr. RJ 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.


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 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.

📖 Tests: Five (5) tests will be administered during the lecture time of

 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.

 Academic INTEGRITY: Please read section 14 of the academic regulations, which may be found at <http://calendar.carleton.ca/undergrad/regulations>.

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★ the outline might change depending on the course dynamics ★