

2013-2014 SYLLABUS INTRODUCTION TO CALCULUS

Kellenberg Memorial High School

Revised, August, 2013

Textbook: Calculus (8th Edition) Larson, Hofstetler, Edwards

Calculator – TI-84 Plus, Silver Edition

First Trimester:

Chapter P – Preparation

	Using the TI-84 Plus Silver Edition Calculator [Including graphing, solving, tables, functions]	1 week
P.1	Graphs and Models	3 days
P.2	Linear Models and Rates of Change	3 days [Test]
P.3	Functions and Their Graphs	4 days
P.4	Fitting Models to Data	3 days [Test]
		Early-October

Chapter 1 - Limits and Their Properties

1.1	A Preview of Calculus	2 days
1.2	Finding Limits Graphically and Numerically	3 days
1.3	Evaluating Limits Analytically	1 week [Test]
1.4	Continuity and One-Sided Limits	1 week
1.5	Infinite Limits	3 days [Test]
		End of October

Chapter 2 - Differentiation

2.1	The Derivative and the Tangent Line Problem	3 days
2.2	Basic Differentiation Rules and Rates of Change	1 week
2.3	Product and Quotient Rules and Higher-Order Derivatives	1 week [Test]
2.4	The Chain Rule	3 days
2.5	Implicit Differentiation	2 days [Test]

Mid-December

Syllabus Engr 190 Introductory Calculus

Rachel Sandford



Syllabus Engr 190 Introductory Calculus:

The Enigmatic Realm of **Syllabus Engr 190 Introductory Calculus**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **Syllabus Engr 190 Introductory Calculus** a literary masterpiece penned by way of a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of those that partake in its reading experience.

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