This color = We write the section
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For Midterm 1:

1) Defn of Functions
2) What is a limit
3) Polynomial Functions
4) Rational Functions
5) Limit Laws
6) (In)determinate forms
7) Limits to detect Asymptotes
8) Continuity and IVT

For Midterm 2:

9) Application of Limits – Velocities / Slopes
10) Definition of Derivative – through slopes
11) Derivatives as functions
12) Rules of differentiation – Power rule/Sum Rule/ Const Multiple Rule
13) Product Rule + Quotient Rule
14) Chain Rule

For Midterm 3:

15) Exponential and Logarithmic Functions
16) Rules of Differentiation- e^x and ln x
17) Higher order Derivatives and graphs
18) Trig functions and identities
19) Rules of differentiation – Trig functions
20) Maximums + Minimums

For Final

21) Mean Value Theorem
22) Optimization (no trig)
23) Optimization (with trig)

Spring Semester

For Midterm 1

1) Review Limits
2) Review Derivatives
3) Linear Approximation
4) Graphing Functions
5) Implicit Differentiation
6) Logarithmic Differentiation

For Midterm 2

7) Inverse Trig Functions
8) Derivatives of Inverse functions + Inverse trig functions
9) Related Rates (No trig)
10) Related Rates (with trig)
11) L'Hopital's Rule – 0/0 and infty/infty forms
12) L'Hopital's Rule – other forms
13) Antiderivatives + Basic Diff Equations

For Midterm 3

14) Approximate Area under curve
15) Definite Integral – Definition
16) First Fundamental Theorem of Calculus
17) Second Fundamental Theorem of Calculus
18) Applications of integrals

For Final

19) Substitution