

THE COLLEGE OF STATEN ISLAND  
DEPARTMENT OF MATHEMATICS  
COURSE OUTLINE

7<sup>th</sup> Edition

MTH 230 --CALCULUS I WITH PRECALCULUS

9/02 JN

TEXT: Larson, Hostetler, Edwards, Calculus, Seventh Edition, 9/05 jpc updated  
Calculus Package with PreCalculus Supplement  
Houghton Mifflin, (2002) ISBN: 0-618-14180-4

or

Larson, Hostetler, Edwards, Calculus of a Single Variable, Seventh Edition  
Calculus Package with PreCalculus Supplement  
Houghton Mifflin (2002) ISBN: 0-618-23974-X

Note: If you plan to take only Calculus I and II (MTH 230 and MTH 232), you may purchase Calculus of a Single Variable. If you plan to take Calculus I, II and III (MTH 230, 232 and 233), you **must** purchase Calculus which contains both single and multivariable calculus.

Note: Each numbered lesson corresponds to a two-hour class.  
This course will use the 7<sup>th</sup> edition of this text. The course outline for the 6<sup>th</sup> 7<sup>th</sup> and 8<sup>th</sup> editions are available at <http://www.math.csi.cuny.edu/course/syllabi>

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4	S 2.3 S 2.5 S 2.6	Polynomial Division Fundamental Theorem of Algebra only Rational Fractions	p.164/1,3,9,40,67 p.181/1,3,5 p.193/11,13,15,35,51

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6	S 9.5	Graphs of Sine and Cosine Functions	p.587/1,3,15,23,25,27,39,43 55,61,65,67
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7	S 10.1	Fundamental Identities	p.631/27,33,53
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9	(Textbk) 1.2	Finding Limits Graphically and Numerically	(Textbk) p.54/3,7,11,13,14,15,16,17 18,49,50,51,52
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