THE COLLEGE OF STATEN ISLAND DEPARTMENT OF MATHEMATICS COURSE OUTLINE

MTH 231 -- CALCULUS I

9/05 jpc

TEXT: Larson, Hostetler, Edwards, <u>Calculus</u>, Eighth Edition, Houghton Mifflin,(2005) ISBN: 0-618-50298-X

or

Larson, Hostetler, Edwards, <u>Calculus of a Single Variable</u>, Eighth Edition Houghton Mifflin (2005) ISBN: 0-618-50303-X

- Note: If you plan to take only Calculus I and II (MTH 231 and MTH 232), you may purchase <u>Calculus of a Single Variable.</u> If you plan to take Calculus I, II, and III (MTH 231, 232 and 233), you <u>must</u> purchase <u>Calculus</u> which contains both single and multivariable calculus.
- Note: Each numbered lesson corresponds to a <u>one-hour</u> class.

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3	P3	Functions and Their Graphs	p.27/7,9,31,33,39,59,62,71,95, 97
4	Appendix D.3	Trigonometric Functions (p. D17-A25)	pD25/15,19,29,40,41,51,52,63
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6	1.2	Finding Limits Graphically and Numerically	p.54/3,7,11,13,14,15,16,17,18, 63,64,65,66
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13		Exam #1	
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17	2.3	Product and Quotient Rules; Higher-Order Derivatives	p.126/1,7,13,19,21,27,29,39, 51,65,73,93,97,117
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23	3.1 continued		p.170/37,40,55,59,60
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