



### Outline Calculus 1

Textbook: Thomas' Calculus & Analytic Geometry 11<sup>th</sup> edition

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Assessment: \* Two 1-hour exams 60%.

\* Final exam 40%

CH. 1 Preliminaries	
1.1	4,7,12,17,27,31,34,39,47,48
1.2	4,7,12,15,18,22,23,27,30,33,38,44,49,60,68,76,80,93
1.3	4,8,10,13,19,21,25,26,33,36
1.5	2,7,10,11,18,20,27,30,32,47,49,55,63,75,79,80
1.6	2,14,22,30,53,56,62
CH. 2 Limits & Continuity	
2.1	3,5,9,28,31,33
2.2	10,17,18,24,28,34,42,46,50,53,58
2.4	2,6,7,12,16,18,19,24,26,34,42,44,48,51,60,67,69,70
2.5	8,10,16,18,22,24,31,32,34,42,46
2.6	5 – 10,16,18,23,28,32,36,39,48
CH. 3 Differentiation	
3.1	4,5,10,14,18,20,25,30,32,44,54,58
3.2	6,12,16,22,24,28,32,36,38,40,42,45,46
3.3	4,8,10,15,18,26,28
3.4	5,7,15,19,25,30,40,47,48
3.5	8,14,15,18,23,32,38,40,42,48,54,59,69,75,78,80,82,86,88,97
3.6	10,16,18,24,30,36,44,45,54,58,65,70
3.7	2,7,13,18,23,28,30,32
3.8	9,12,16,17,22,28,32,40,43,47,53
CH. 4 Applications of the Derivatives	
4.1	5,10,20,26,30,32,40,44,50,54,66
4.2	4,8,10,13,14,18,20,25,28,34,42,51,59
4.3	6,8,22,28,36,44
4.4	4,7,12,22,36,40,45,63,68,81
4.5	3,4,6,12,19,22,24,28
4.6	4,14,23,24,28,32,34
4.8	8,14,16,24,40,50,54,61,78,84
CH. 5 Integration	
5.2	6,10,18,20,30,31,40
5.3	2,6,12,14,18,20,26,32,38,50,62,64
5.4	14,22,24,26,30,32,36,40,42,44,59,61,66
5.5	4,7,12,20,26,36,46,52,56,58
5.6	8,12,16,24,30,33,48,50,58,62,68,72,74,85

With Best Wishes