

LIST OF SUGGESTED EXERCISES FOR CALCULUS 1501B - **WINTER 2014**

$\varepsilon - \delta$ DEFINITION OF LIMIT,
REVIEW OF CONTINUITY AND DIFFERENTIABILITY

- 2.4** (*p. 117*) odd 19-31
2.5 (*p. 128*) 39
2.7 (*p. 153*) 53, 54
2.8 (*p. 163*) odd 21-31, 51(a,b), 55

MEAN VALUE THEOREM

- 4.2** (*p. 288*) odd 1-11, 15, 19-31, 35

INTEGRATION TECHNIQUES AND IMPROPER INTEGRALS

- 7.1** (*p. 468*) odd 1-11, 15-23, 27-41, 47, 51, 55, 57, 69
7.4 (*p. 492*) odd 1-41, 47, 51, 53, 57, 59, 61, 73
7.8 (*p. 527*) odd 1-41, 49-53, 63, 69, 75, 79
Review (*p. 530*) TF 1-7, 10-14; EXERCISES odd 1-9, 15-19, 25, 41-49, 61, 71, 77, 79

SEQUENCES, SERIES, AND TAYLOR SERIES

- 11.1** (*p. 700*) odd 1-17, 23-55, 69; 70, odd 71-79, 83, 86, 89
11.2 (*p. 711*) 3, 15, odd 17-47, 51-63, 67, 73; 80, 82-85, 89(a)
11.3 (*p. 720*) odd 3-31, 43, 45
11.4 (*p. 726*) odd 1-31, 37, 39, 43, 45
11.5 (*p. 731*) odd 1-19, 23, 25, 31, 33, 35
11.6 (*p. 737*) odd 1-25, 29-37
11.7 (*p. 740*) odd 1-21, 25, 31-37
11.8 (*p. 745*) odd 3-25, 29, 33, 35(a), 39, 41
11.9 (*p. 751*) odd 1-7, 13-17, 25, 27, 39; 40(a,b), 41
11.10 (*p. 765*) odd 3-9, 13-19, 25-35, 45, 49, 55, 57, 63, 65, 69
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DIFFERENTIAL EQUATIONS

- 9.1** (*p. 584*) odd 1-11
9.3 (*p. 600*) odd 1-21, 43, 45, 47

PARAMETRIC EQUATIONS AND POLAR CURVES

- 8.1** (*p. 543*) 1, 7, 9, 33, 35
10.1 (*p. 641*) odd 5-15, 19, 21, 23, 31, 33, 37, 45
10.2 (*p. 651*) odd 1-7, 17, 19, 29; 30, 41, 43, 45, 51, 67
10.3 (*p. 662*) odd 1-45, 53(a); 54, 55, odd 59-65, 66
10.4 (*p. 668*) odd 1-11, 17-23; 24, 27, 29, 30, odd 35-41, 45, 47