

## Homework Assignments to Exam 1

DATE	Homework
Aug 31	11.1: Sequences Core: 2, 3, 8, 9, 19, 28*, 36*, 50, 55, 59, 62 Extra Practice: 6, 13, 15, 21, 29, 33, 43, 46, 51, 59, 63
Sep 2	11.2: Series Appendix E ( $\Sigma$ notation): 1, 3, 5, 11, 13, 15, 21, 22, 31, 33, 41 Core: 1, 4, 13, 15, 17, 23, 29, 45, 57, 58 Extra Practice: 5, 9, 16, 27, 30, 35, 47, 52, 59, 70
Sep 5	11.2: Finish Thursday's assignment
Sep 7	11.4 Comparison Test Core: 1, 4, 6, 9, 18, 24, 27, 40 Extra Practice: 7, 14, 19, 21, 31, 37
Sep 9	11.5 Alternating Series Test Core: 1, 3, 12, 21, 24, 32, 35 Extra Practice: 6, 15, 17, 25
Sep 12	11.6 Absolute Convergence Core: 1, 3, 7, 11, 12, 17, 25, 29, 35 Extra Practice: 6, 15
Sep 14	11.7 (Review, also assigned below) Try all up to 35, not including 7, 10, 27 Minimum: 3, 5, 8, 11, 13, 15, 19, 21, 25  11.8: Power Series 2, 3, 7, 10, 13, 15, 22, 24, 29, 30, 31, 33, 34
Sep 16	11.9: Functions as series. 1, 3, 7, 13(a,b), 38(a,b)
Sep 19	11.10 Taylor Series 3-6, 13-14, 16, 29, 33, 39, 41, 59-60, 63-67
Sep 21	11.10, continued Also look over 11.7 (given above)
Sep 23	EXAM 1