Unit 4 ICMAB Graphical Applications of the Derivative 2016

Oct 18 Extrema, Critical Points 3.1 p. 165 1-15odd, 19,23,25,29,33,35,37,39,49,51,53

Oct 19 Mean Value Thm 3.2 p. 172 1,2,3,5,7,9,11,15,19,21,23,27,29,31,33,37,41,47,48

Oct 20 3.3 Increasing and Decreasing functions and the First Derivative Test p. 173 45,46,49,53,55 p. 181 1,3,5,11,19,21,25,29,35,43,44,45,47,49-56 all

Oct 21 3.4 Concavity, Inflection Points and the Second Derivative Test p. 181 67,69,75 p. 189 1,5,7,17,21,25,29,37,39,45,47,53,55,61

Oct 24 quiz

Oct 25 curve sketching, algebraic p. 208 1-7 all, 11,15,21,23,27,49,51,53,55,57,58,67

Oct 26 short quiz on curve sketching, learn curve sketching with trig fcts hw: wkst on curve sketching

Oct 27 Relationship among f,f’,f’’ hw wkst

Oct 28 ER continue f,f’,f’’ more worksheets, qtr end

Oct 31 Review 235 3,5,7,9,11,15,17,19,23,27,2547,45,51,53,55,61

Nov 1 Test