Math 1720 Homework 10, due Wednesday April 4 by 8pm.
Explain all answers and show all calculations.

8.2: 22(note), 25, 26, 29, 31, 34, 35(hint), 40, 46, 52
8.3: 9, 14, 19, 24, 27, 38, 45

Note: for 8.2: 22, do this problem two ways: once, using integration by parts, like done in class for $\sec^3(x)$ (you may use what we calculated in class for $\int \sec^3(x)dx$); and then, also do the problem using the reduction formula on page 452.
Hint for 8.2: 35: the hint the book gives is kind of silly; since you already know what the antiderivative is, you just need to differentiate it to see that the outcome is $\sec(x)$.