* First HW calculus review, good but retool and tailor to future needs.
* Give software tutorial through an online video instead of in class.
* Go slowly through Taylor series and give more examples that are relevant to HW and needs. Quickly introduce machine numbers, give hw problems for students here.
* Start root finding methods right away, first/second week. Introduce rate of convergence and machine errors as needed to study issues with methods.
* First project ideas: Taylor series, pi approximation and taylor series, issues with machine numbers.