Reading: Section 6.6

Your presentation will focus on material on pages 483 - 487. In your presentation, you should address the following questions

- 1. Clearly explain the problem that you are trying to solve provide motivation for the problem.
- 2. What is Gaussian quadrature and how does it compare to the Newton-Cotes quadrature we covered in class?
- 3. Explain how Gaussian quadrature rules are obtained illustrate with examples.
- 4. Read and understand the examples given in section and include them in your presentation.
- 5. Do problems 22 and 24 in Section 6.6 and include the results in your presentation.