EECS 639: Quiz 6
Friday, December 2, 2016

The rules for this quiz are as follows:

• Write your name and section number in the upper-right hand corner of the quiz.
• Show ALL work for partial/full credit. This includes any definitions, mathematics, figures, etc.
• The quiz is closed book and closed notes.

1. (10 points) Derive the Trapezoid method used to approximate $I(f) = \int_0^1 f(x) \, dx$. Show all of your work including the work necessary for setting up the system of equations to be solved for the weights.