Math 4242  Applied Linear Algebra  Spring Semester 2017

**Homework Assignment 3** - Due Friday 2/10/2017 in class or in my mail box before 2:30. As usual, there will be a quiz on this date, on the HW handed in.

**Comments:**
Chapter 2 starts with some examples of vector spaces, which should be fairly easy. As the chapter continues it gets more theoretical with the notions of spanning, linear independence, basis, kernel, image, and this may be harder.

**Exercises from chapter 2 of Olver and Shakiban:**
Sec 2.1: 2, 5, 12
Sec 2.2: 2bdf, 6b, 12bdh, 13bdf, 15ace, 23
Sec 2.3: 3a, 4bd, 8ac, 16

**Homework Assignment 4** - Due Friday 2/17/2017
Quiz, as usual.

**Exercises from Olver and Shakiban:**
Sec 2.3: 21eh, 31, 33acg
Sec 2.4: 5, 10, 18, 23, 25
Sec 2.5: 2b, 5ce, 24(ii), 25ce, 29, 40