**Math 244-Exercises**

**Text Book: Elementary Linear Algebra with Supplementary Applications, 10th Edition**

**By Howard Anton and Chris Rorres**

* **Chapter 1**

**Section 1.1:** 1,2,3,7(a,b,c),9,11,13, True-False Exercises.

**Section 1.2:** 1,2,3,4 (a, c, d),5,6,9,10,13—17,21,29,35.

**Section 1.3:** 1—6,11,15.

**Section 1.4:** 1 (b, d),2 (a, b),3—8 ,10,16,18(e),53(a).

**Section 1.5:** 1,4,5(c),7(a),10,14,25,28,39

**Section 1.6:** 1,3,5,7,8,10,14,15,18,19.

**Section 1.7:** 1—6, 9,10,16—21,24,25,28,32,33,37(a,b).

* **Chapter 2**

**Section 2.1:** 1,3,5,6,9,10,15,16,19(b,c),21,27,28,30,34, True-False Exercises.

**Section 2.2:** 1,4,6,7,10—13, 20—28.

**Section 2.3:** 1,4,5,7,8,15,18,20,24,25,30,31,35.

* **Chapter 3**

**Section 3.1:** 1(a,b,c),2(a,b,c),13,14,26.

**Section 3.2:** 3,4,6,7,9,11,23,25.

**Section 3.3:** 2,5,6.

* **Chapter 4**

**Section 4.1:** 1—9.

**Section 4.2:** 1,2,3,8,9,10,11(a,b),12(a,c),13,15(a,b,d).

**Section 4.3:** 1,2(b,d),3(b,c),4(a,c),7,9,10,20(a,c,e).

**Section 4.4:** 1,3(a,d),4(a,c),7,9(a),10(a),11.

**Section 4.5:** 1,2,6,8,10,12(a),14.

**Section 4.7:** 2(b,d),3(a,b),4,5(a,b),6(b,c),7(b,d),8,9(a,b),10(c),11(a),12(a).

**Section 4.8:** 1,2(a,d),3,4,5,7,9,13,17,18.

**Section 4.9:** 1,3,4,5(a),6(a,c,d),8(b),9,10(a,b),12(a),13(a),14—17,18(a,c),19(a,c).

**Section 4.10:** 1,3,4,5,7,9,10,11(a,c),12(b,d),13(b,c),14(c),15(a,c),16(a,b),21(a,b),23.

* **Chapter 5**

**Section 5.1:** 1,3(a,b),4,5,6(a,f),7,8,12,13,23.