**Math 206\_\_syllabus**

**The Book: Calculus, The classic Edition by Swokowski, All proofs are not included.**

**Chapter16**

**16.1:** All

**16.2:** All

**16.3:** Definition (16-8), Notations for partial derivatives (16-9), Example 1, Example 2, Example 3, Second partial derivatives (16-11), Theorem (16-12), Example 4.

**16.5:** Chain rule (16-21), Example 1, Example 2, Example 3.

**16.8:** Definition (16-38), Example 1, Example 2, Definition (16-39), Test for local extrema (16-40), Theorem (16-41), Example 3, Example 4, Example 5.

**Chapter 17:**

**17-1:** All

**17-2:** All

**17-3:** All

**17-5:** All Except Definition (17-21), Mass of a solid (17-22), Example 6, Mass of a lamina (17-23), Example 7.

**17-7:** All Except Examples: 3-4-5-6

**17-8:** All Except Examples: 4-5, Example 6(just find the Volume).

**Chapter 11:**

**11-1:** All except completeness property(11.10).

**11-2:**  All

**11-3**: All

**11-4**: All

**11-5:** All

**11-6: All**

**11-7: All**

**11-8: All**