**Math 202** Spring 2011Assignment Sheet *N. Nahlus*

**Instructor:** Prof. Nazih Nahlus (*nahlus@aub.edu.lb)*

**Textbook: Thomas’ Calculus + A First Course in Differential Equations with .., 8th ed., Dennis Zill.**

**Office Hours:** TBA in Bliss 322 (Ext. 4226)

Note:Keep checking my e-mails for any announcements

**Section** **Suggested Problems** (from ***Thomas' Calculus Book)***

16.4 1, 5, 7, 9, 11, 12, 17, 21, 23, 27, 33, 37, 39

16.5 1, 3, 5, 11, 13--15, 17, 20, 23, 27, 29, 31.

16.6 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43.

16.7 1, 3, 5-7, 9, 13, 15, 17. **Stokes’ Theorem**

16.8 5, 7, 8, 9, 10, 13, 16. **Gauss Divergence Theorem**

**Sections Suggested Problems** (from **Zill *Book****)*

2.1 3, 6, 9, 10, 14, 16, 19, 20, 27, 30, 34, 37, 40, 43, 48, 49.

2.2 3, 8, 9, 11, 14, 19, 22, 26, 29, 30, 31, 34, 35, 38, 41, 42.

2.3 4, 6, 9, 11, 15, 22, 24, 27, 28, 36, 37, 38, 40, 44, 51, 53.

2.4 1, 8, 9, 10, 13, 15, 16, 17, 18, 20, 22, 25, 29, 30, 32.

**QUIZ 1**: TBA (25%)

1.1 2, 5, 13, 22, 26, 31, 38, 39, 42, 43, 48, 54.

1.2 1,3, 4, 6, 8, 11.

4.1 1, 2, 5, 6, 8, 11, 12, 13, 15, 18, 20, 25, 28, 32, 33, 34.

4.2 3, 6, 10, 13, 17, 21, 25, 27, 28.

4.3 4, 11, 17, 21, 23, 25, 28, 29, 32, 39, 42, 48, 50, 54, 57, 61.

4.4 1, 5, 10, 15, 19, 22, 25, 30, 35, 37, 38.

4.6 3, 6, 9, 13, 14, 17, 22, 27, 28, 29, 30.

4.7 3, 7, 11, 14, 17, 21, 25, 26, 27, 31, 34, 37, 39, 40.

7.1 1, 5, 12, 13, 14, 15, 16, 17, 18, 23, 26, 27, 29, 38, 39, 40, 41.

7.2 3, 4, 9, 13, 17, 22, 26, 33.

7.3 3, 7, 9, 11, 17, 20, 21, 27, 29, 33, 35, 40, 46, 47, 49, 52, 59, 61.

7.4 3, 4, 5, 9, 12, 16, 19, 23, 26, 27, 29, 31, 34, 35, 37.

**QUIZ 2**: TBA (25%)

7.5 1, 2, 3, 4, 5, 10, 15, 16, 19, 23, 26, 27, 30, 32, 37, 38.

7.6 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

7.7 1, 2, 5, 7, 9, 10, 12.

6.1 15, 16, 19, 20.

6.2 3, 7, 9, 13, 14, 16, 17, 23, 24.

6.3 4, 5, 7, 10, 11, 15, 18, 19, 20, 24, 25, 28, 29.

6.4 1, 3, 6, 9, 10, 11, 13, 14, 15, 16, 17, 18, 23, 27, 32, 37.

8.1 1, 2, 7, 13, 25.

8.2 1, 2, 3, 4, 5, 6, 13, 31, 32, 33, 34, 35, 39, 41, 42, 44, 45.

**Final Exam comprehensive** (50%)