**CALCULUS - Math 21**
Fall 1997
Assignment Sheet- Part I

| NO. | Date | Read | Exercises |
|---|---|---|---|
| 1 | 8/27 | §RP1-5 | |
| 2 | 8/29 | §1.1 | 1,2,5,7,8; |
| 3 | 9/1 | §1.2 | 2,5,6,7,9,12,13,15,18,21,24,26; |
| 4 | 9/3 | §1.3 | 3,7,10,13,14,15,21,27,29,32,36,41,45,49,61, 69; |
| 5 | 9/5 | §1.4 | 1,2,3,5,15,35,37; |
| 6 | 9/8 | §1.5 | 1,4,9,13,16,19,25,27,32,34,37,40,42,44,48; |
| 7 | 9/10 | §1.6 | 3,8,9,15,20,25,28,33,37,39,46; |
| 8 | 9/12 | §1.7 | 1,5,7,12,13,15,18,19 |
| | | §2.1 | 3,5,9,13,14,26,27,29,32,34,49,51; |
| 9 | 9/15 | §2.2 | 1,3,6,9,11,16,18,23,27,39,45,47,49,55,59,62,67; |
| 10 | 9/17 | §2.3 | 1,4,9,13,14,28; |
| | | §2.4 | 2,5,6,10,13,18,20,25,30,33,37,39,44,45; |
| 11 | 9/19 | §2.5 | 2,5,9,11,15,23,30,33,38,39,51,57,61; |
| 12 | 9/22 | §2.6 | 1,9,13,17,21,22,24,25,23,44; |
| 13 | 9/24 | §2.7 | 1,2,3,5,10,13,23,25,27,35,41,42,43,51; |
| 14 | 9/26 | §2.8 | 2,4,5,7,10,11,17,22,29 |
| 15 | 9/29 | **REVIEW** | |
| | 9/30 | **EXAM** | -locations to be announced |

Exercises listed in small print, for example 17, are **optional**. They are interesting and somewhat more challenging. Students should attempt these after they have completed all of the other assigned exercises and are confident that they understand the material.

Exercises listed in **boldface**, for example **12,** require the use of the computer algebra system, MAPLE. Usually they will be marked with one of the colored technology icons in the textbook. Include a printout of your MAPLE session with your homework.

**READING ASSIGNMENTS.** Reading assignments are listed for each lecture. It is strongly recommended that students read the assignment at least twice, once before and once after the corresponding lecture. Students are responsible for material in the reading assignments even though the material may not be explicitly discussed in the lecture.

**HOMEWORK EXERCISES.** For each lecture, **homework exercises** are listed above. These exercises should be completed prior to the next lecture session. These homework exercises will be collected, graded and used as a source of quiz problems. **Homework exercises from the previous week (WED-FRI-MON)are to be handed in at the beginning of the lecture on the subsequent FRIDAY**.

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