

**Homework Assignments**  
**694: MATH 277 01**  
**Ordinary Differential Equations**  
**Spring 2002**  
**Dr. Goutziers**

**Text:** Differential Equations  
**Authors:** Blanchard, Devaney and Hall  
**Publisher:** Brooks/Cole  
**Edition:** First  
**ISBN:** 0-534-35550-6  
**Year of Publication:** 1998

**Office Hours:** M 8:00 a.m. W 2:00 p.m. Th: 8:00 a.m. F 1:00 p.m.

Assignments marked (m) should be completed manually.

| <u>Assignment</u>                                    | <u>Date</u>   |
|------------------------------------------------------|---------------|
| 1) Complete the exercises on Maple lessons I and II. | Jan 16        |
| 2) Page 13 1; 2.                                     | Jan 21        |
| 3) Page 15 6; 9.                                     | Jan 23        |
| 4) Page 17 14; 18; 19.                               | Jan 25        |
| <b>Announcement of Quiz 1</b>                        | <b>Jan 28</b> |
| <b>Date:</b> Friday, February 1                      |               |
| <b>Sections:</b> 1.1                                 |               |
| 5) Page 31 1; 5; 6; 9.                               | Jan 28        |
| 6) Page 32 Assigned in class.                        | Feb 01        |
| 7) Page 47 Assigned in class.                        | Feb 04        |
| 8) Page 62 Assigned in class.                        | Feb 06        |
| <b>Announcement of Test 1</b>                        | <b>Feb 06</b> |
| <b>Date:</b> Wednesday, February 13                  |               |
| <b>Sections:</b> 1.1 - 1.5                           |               |
| 9) Page 71 3; 9; 10; 14; 17.                         | Feb 08        |
| 10) Page 88 2; 3; 6; 11; 22; 27; 31; 36.             | Feb 11        |
| 11) Page 104 3; 6; 9; 16.                            | Feb 25        |
| 12) Page 114 1; 4; 7; 8; 11; 14.                     | Feb 27        |
| 13) Page 116 15; 18; 19; 22; 25.                     | Mar 01        |
| <b>Announcement of Quiz 2</b>                        | <b>Mar 02</b> |
| <b>Date:</b> Friday, March 8                         |               |
| <b>Sections:</b> 1.6 - 1.8                           |               |
| 14) Page 151 1; 2; 7; 9; 16; 19; 20; 22.             | Mar 06        |
| 15) Page 169 4; 7; 10; 13; 18.                       | Mar 11        |
| 16) Page 181 1; 2; 3; 4; 6; 7; 8; 11; 14; 19.        | Mar 13        |
| <b>Announcement of Test 2</b>                        | <b>Mar 18</b> |
| <b>Date:</b> Friday, March 22                        |               |
| <b>Sections:</b> 1.6 - 1.8, 2.1 - 2.3                |               |
| 17) Page 229 5; 8; 11; 14; 17; 24.                   | Mar 20        |
| 18) Page 233 26; 29.                                 | Apr 03        |
| 19) Page 247 2; 5; 10; 11; 14; 20.                   | Apr 05        |
| <b>Announcement of Quiz 3</b>                        | <b>Apr 05</b> |
| <b>Date:</b> Friday, April 12                        |               |

|                               |          |                                      |               |
|-------------------------------|----------|--------------------------------------|---------------|
| <b>Sections:</b>              |          | <b>3.1 - 3.3</b>                     |               |
| 20)                           | Page 261 | 4; 10; 15; 19; 20; 21; 27.           | Apr 08        |
| 21)                           | Page 277 | 3; 8; 11; 15; 22; 23.                | Apr 12        |
| 22)                           | Page 294 | 2; 5; 11; 16; 19; 22a.               | Apr 15        |
| 23)                           | Page 309 | 4; 10; 11; 14; 19; 21; 24.           | Apr 17        |
| 24)                           | Page 358 | 3; 6; 9; 14; 17; 22; 25; 30; 37; 40. | Apr 19        |
| 25)                           | Page 370 | 1; 6; 9; 12; 13; 20; 22; 24.         | Apr 22        |
| 26)                           | Page 382 | 3; 6; 7; 12; 19.                     | Apr 24        |
| 27)                           | Page 508 | 3; 5; 6; 7;                          | Apr 26        |
| <b>Announcement of Test 3</b> |          |                                      | <b>Apr 29</b> |
| <b>Date:</b>                  |          | <b>Friday, May 3</b>                 |               |
| <b>Sections:</b>              |          | <b>3.1 -3.6, 4.1 - 4.3, 6.1 -6.3</b> |               |
| 28)                           | Page 508 | 10; 14; 17; 20; 23.                  | Apr 29        |
|                               | Page 517 | 2; 5; 8; 11; 17.                     |               |
| 29)                           | Page 531 | 27; 30; 34.                          | May 01        |
|                               | Page 540 | 3; 4; 7.                             |               |
| 30)                           | Page 547 | 2; 3; 6; 7; 11.                      | May 06        |

The final exam is scheduled for Monday, May 13, 8:00 - 10:30am, in IRC 120AB. Success to all!