

Ik Jae Lee

Accelerated Calculus I

Instructor Information

Instructor **Dr. Ik Jae Lee.**
Office **Robinson Hall 228J.**
E-mail **leei@rowan.edu.**
Office Hour **TRF 11:00 ~ 12:00, and by appointment.**

Course Information

Course Title **Accelerated Calculus I (Math 01140 - 8).**
Class Room **TR:Savitz Hall 321, F:James Hall 3109.**
Class Time **TR-9:25 am ~ 10:40 am, F-9:25 am ~ 10:15 am.**
Text **Calculus 2nd ed. by Jon Rogawski, 2012, W.H. Freeman & Co.**
Technology **Throughout the semester, TI-89 graphing calculator is recommended and use of Mathematica Computer Algebra System (CAS) will be expected.**
Blackboard **bblearn2.rowan.edu.**

Grading

| | |
|---|-----------------|
| 3 Exams | 300 pts. |
| Comprehensive Final Exam | 200 pts. |
| Homework, Quizzes & Class Participation | 150 pts. |
| Mathematica Assignments | 100 pts. |
| Total | 750 pts. |

Mathematica Assignments.

The problems are found in the Mathematica Manual for Calculus, the tutorial handbook for students.

| Section | Assignments | Due Date |
|---------|--------------|----------|
| §2.2 | 3, 9, 10, 11 | 10/30 |
| §2.3 | 2 | 10/30 |
| §3.1 | 3, 4 | 10/30 |
| §3.3 | 2 | 10/30 |
| §3.4 | 5 | 10/30 |
| §4.1 | 1 | 10/30 |
| §4.2 | 3 | 12/13 |
| §4.3 | 5 | 12/13 |
| §4.4 | 3 | 12/13 |
| §5.1 | 3 | 12/13 |
| §5.2 | 1 (c) | 12/13 |
| §5.3 | 3 | 12/13 |
| §6.1 | 1 | 12/13 |
| §6.3 | 1 (b) | 12/13 |
| §7.3 | 11 | 12/13 |
| §8.1 | 4 | 12/13 |

Academic Honesty

Plagiarism and cheating are serious offenses and may be punished by failure on the exam, paper or project, failure in the course and/or expulsion from the University. For more information, visit this site:

<http://www.rowan.edu/provost/policies/AcademicIntegrity.htm>

Disabilities

Any student with a disability that needs a classroom accommodation, access to technology or other assistance in this course should contact Academic Success Center and/or the instructor. For more information, visit this site :

<http://www.rowan.edu/studentaffairs/asc/disabilityresources/>

Homework Schedule

| Date | Section | Assignments | Due Date |
|----------|---------|--|----------|
| 9/4/12 | §1.4 | 7, 8, 17, 20, 35, 47, 48, 57 | 9/11 |
| | §1.5 | 3, 4, 5, 6, 11, 12, 17, 21, 23, 24, 27, 29, 31, 33, 39 | 9/11 |
| 9/6/12 | §1.6 | 5, 6, 12, 17, 20, 22, 27, 29, 31, 33 | 9/11 |
| 9/7/12 | §2.1 | 5, 6, 20, 24, 25 | 9/18 |
| | §2.2 | 3, 11, 17, 21, 37, 38, 49, 50, 52 | 9/18 |
| 9/11/12 | §2.3 | 7, 9, 19, 25, 26, 32, 33 | 9/18 |
| | §2.4 | 2, 3, 4, 7, 11, 17, 22, 49, 53 | 9/18 |
| 9/13/12 | §2.5 | 3, 4, 7, 8, 14, 16, 17, 20, 21, 23, 25, 31, 37, 48, 53 | 9/18 |
| 9/14/12 | §2.6 | 3, 4, 5, 6, 8, 10, 11, 19, 22, 25, 35 | 9/25 |
| | §2.7 | 1, 3, 5, 9, 18 | 9/25 |
| 9/18/12 | §3.1 | 2, 3, 11, 12, 13, 14, 21, 23, 25, 33, 34, 43 | 9/25 |
| 9/20/12 | §3.2 | 6, 7, 9, 10, 11, 17, 20, 21, 23, 25, 31, 39, 41, 47, 49, 50, 52, 55, 63, 64, 68, 71, 75 | 9/25 |
| 9/21/12 | §3.3 | 2, 3, 5, 6, 7, 9, 10, 11, 13, 15, 18, 19, 27, 45, 46, 49 | 9/28 |
| 9/25/12 | §3.5 | 3, 7, 11, 13, 23, 29, 30, 39, 40, 41 | 9/28 |
| | §3.6 | 1, 3, 5, 8, 11, 17, 21, 23, 27, 29, 31, 37, 39, 40, 43 | 9/28 |
| 9/27/12 | | Review for the Exam1 | |
| 9/28/12 | §3.7 | 1, 3, 5, 7, 10, 11, 14, 15, 16, 21, 27, 29, 37, 38, 50, 84 | 10/9 |
| 10/2/12 | | EXAM 1 | |
| 10/4/12 | §3.8 | 1, 3, 5, 6, 8, 9, 12, 17, 25, 28, 33, 35, 40, 41 | 10/9 |
| 10/5/12 | §3.9 | 3, 4, 7, 9, 11, 18, 19, 23, 28, 33 | 10/16 |
| 10/9/12 | §3.10 | 2, 7, 9, 10, 13, 15, 21, 23, 29, 37, 43, 45 | 10/16 |
| 10/11/12 | §3.11 | 3, 5, 9, 10, 12, 13, 14, 15, 19, 20, 21, 28, 29, 31 | 10/16 |
| 10/12/12 | §4.1 | 5, 9, 11, 14, 21, 25, 41, 47, 53, 59 | 10/23 |
| 10/16/12 | §4.2 | 1, 5, 7, 11, 12, 13, 15, 18, 23, 29, 31, 38, 48, 53, 61, 62 | 10/23 |
| 10/18/12 | §4.3 | 3, 7, 12, 13, 15, 20, 21, 22, 23, 27, 29, 34, 35, 41, 45, 57 | 10/23 |
| 10/19/12 | §4.4 | 1, 3, 4, 5, 6, 8, 15, 23, 24, 25, 27, 33 | 10/26 |

Homework Schedule (continued)

| Date | Section | Assignments | Due Date |
|----------|---------|--|----------|
| 10/23/12 | §4.6 | 1, 7, 8, 9, 15, 27, 39, 41 | 10/26 |
| 10/25/12 | | Review for the Exam2 | |
| 10/26/12 | §4.7 | 5, 7, 9, 11, 12, 19, 21, 22, 32, 45, 46 | 11/8 |
| 10/30/12 | | EXAM 2 | |
| 11/1/12 | §4.8 | 3, 4, 5, 7, 8, 9, 11, 29 | 11/8 |
| | §4.5 | 53, 55, 59, 71, 73, 77, 78, 81 | 11/8 |
| 11/2/12 | §4.9 | 3, 5, 6, 7, 15, 20, 31, 33, 35, 41, 42, 47, 51, 58, 67 | 11/13 |
| 11/6/12 | | NO CLASS | |
| 11/8/12 | §5.1 | 5, 15, 22, 33, 35, 41, 47, 53, 66, 67, 72 | 11/13 |
| | §5.2 | 1, 6, 9, 13, 21, 23, 24, 27, 31, 34, 35, 39, 51, 54, 59, 61 | 11/13 |
| 11/9/12 | §5.3 | 3, 5, 7, 10, 11, 19, 25, 33, 38, 41, 47, 57 | 11/20 |
| 11/13/12 | §5.4 | 1, 3, 5, 8, 9, 11, 14, 27, 29, 31, 32, 37, 39, 43 | 11/20 |
| 11/15/12 | §5.6 | 3, 5, 7, 11, 12, 15, 19, 20, 26, 33, 37, 38, 40, 44, 47, 57, 63, 81, 83, 86 | 11/20 |
| 11/16/12 | §6.1 | 3, 5, 6, 8, 9, 11, 16, 17 | 11/27 |
| 11/20/12 | §6.3 | 1, 3, 7, 11, 13, 19, 23, 24, 26, 50 | 11/27 |
| 11/22/12 | | NO CLASS | |
| 11/23/12 | | NO CLASS | |
| 11/27/12 | | Review for the Exam3 | |
| 11/29/12 | | EXAM 3 | |
| 11/30/12 | §6.4 | 1, 7, 11, 17, 23, 27 | 12/13 |
| 12/4/12 | §7.1 | 1, 9, 17, 23, 29, 31, 33 | 12/13 |
| | §7.2 | 1, 3, 9, 13, 17, 45, 49 | 12/13 |
| 12/6/12 | §7.6 | 11, 13, 15 | 12/13 |
| 12/7/12 | §8.1 | 3, 7, 11 | 12/13 |
| 12/11/12 | | Review for the Final | |
| 12/13/12 | | Review for the Final | |