Math 125 - Fall 2006
Course Data, Syllabus and Homework

Course coordinator: **Dror Varolin**

Office	4-119 Math Tower
EMAIL	`dror@math.sunysb.edu`
Phone	631-632-8995

Text: *Single Variable Calculus.* 3Ed., Stony Brook Edition, by James Stewart

Course webpage: `http://www.math.sunysb.edu/~dror/125-f06.html`

Holidays: The Holidays are listed on the syllabus given on page 2 of this document.

Homework: No homework will be collected for grading. There is a list of suggested problems (provided on page 2 of this document). Each TA will give a weekly quiz, by randomly choosing one of the problems from the suggested list, and possibly slightly modifying that problem. The recitation grade will be based completely on the quiz grades.

Examinations: There will be two mid-term examinations and a final examination. Please note:

> **No calculators, notes or books will be allowed in any of the examinations!!!**

The dates of the examinations, as well as the breakdown of the grades, are as follows:

Component	Grade %-age	Date
Proficiency exam	5 %	Wed Sept 13, 8:30pm
Recitation	10 %	——
First Midterm	20%	Tues Oct 10, 8:30pm -10pm
Second Midterm	25 %	Wed Nov 8, 8:30pm -10pm
Final	40 %	Wed Dec 20, 11am-1:30pm

Disabilities: If you have any condition, such as physical or mental disability, that would make it difficult to complete the course or that will require extra time for examinations, please notify your instructor as soon as possible, so that the appropriate arrangements could be made.

Math Learning Center (MLC): The location of the MLC is S-240 in the math tower. The MLC is open every day and most evenings. A schedule is posted on the door.

Drop/Add dates:
    * Drop Deadlines: Sept 12 (no tuition liability), Sept 19 (No "W"), Nov 7 (with "W")
    * Last day for drop-down/move up: Oct 20

If you really want to master the material, it is wise to attempt or solve all the problems in the relevant section of the book. The more problems you can learn to do, the better you'll understand the material.

The following is a list of suggested problems. Quiz questions will be chosen from these problems, perhaps with the data in the problem (such as the numerical data) changed where appropriate.

Lecture Schedule and Suggested Problems

Week of	Sections	Problems	Note
Sept 4	1.1 1.2	1, 4, 5-8, 18, 39 1-2, 3-4, 8, 11, 14, 18	Classes begin Sept 6
Sept 11	1.3 1.5 1.6	1, 2, 9-24, 31-32, 35-40, 43-46 1, 7-12, 14, 15-16, 19 1, 3-14, 16, 19, 21-26, 33-36	Wed Sept 13, 8:30pm: Proficiency test
Sept 18	2.1 2.2 2.3	1, 3, 5, 6, 7, 8 1, 2, 4, 9-12, 16, 17-20 2, 3-7, 9-22, 28, 31-34, 37	
Sept 25	2.4 2.5	5, 7, 10-11, 13-16, 29-30, 33 2, 3, 5-10, 15-33, 43, 45	
Oct 2	2.6 2.7	1, 3, 7-10, 15, 17, 28 3, 9(a), 13-18, 19-24, 28, 34	Mon Oct 2: Yom Kippur
Oct 9	Review 2.8	 1-2, 3, 4-11, 12, 19-25, 38	Tues Oct 10, 8:30pm: 1st midterm (1hr30min)
Oct 16	2.9 3.1	3, 6, 10, 15-20, 22, 25-26 3-24, 38, 41, 44, 54, 65	
Oct 23	3.2 3.4	2, 3-20, 21-22, 29, 34, 41 1-12, 14, 17-18, 5, 33, 43	
Oct 30	3.5 3.6	1-6, 7-32, 35-36, 41, 49, 56 3-12, 14, 19, 25, 41, 55	
Oct 6	3.7 Review	2-18, 19-20, 21-22, 27-36, 38, 40	Wed Nov 8, 8:30pm: 2nd midterm (1hr30min)
Nov 13	4.1 4.2	1, 12, 13, 21, 32, 37 2-3, 11, 15-22, 23-26, 55, 60	
Nov 20	4.3 4.5	5, 7-14, 16, 17, 23, 34 8, 23, 32, 39, 45-48, 59	
Nov 27	4.6 4.7	5, 8, 11, 13,31, 38 1, 4, 7-8, 9-10, 17, 19	
Dec 4	4.8 Review	4, 9-10, 11-12, 22, 25, 31	
Dec 11	Review		

Note:

Final Examination: Wed., Dec. 20, 11:00AM-1:30PM

Lecture times and locations:

Lecture/Recitation	Time	Room	Instructor
LEC 1 81080	MW 5:20pm- 6:40pm	Earth&Space 1	He, Xuhua
R01 81083	Tu 3:50pm- 4:45pm	Physics P123	Drummond-Cole, Gabriel
R02 81084	Tu 11:20am-12:15pm	Socbehav Sci S218	Lee, Kyewon
R03 81085	W 10:40am-11:35am	S B Union 231	Rajaguru, Biswajit
R04 81086	M 11:45am-12:40pm	Library N4006	Thind, Jaimal
R05 81087	Tu 5:20pm- 6:15pm	S B Union 237	Ostrovsky, Stanislav
R06 81088	Th 5:20pm- 6:15pm	Socbehav Sci S218	Ostrovsky, Stanislav
R07 81089	W 6:50pm- 7:45pm	Humanities 3017	Rajaguru, Biswajit
R08 81090	Tu 2:20pm- 3:15pm	Earth&Space 181	Drummond-Cole, Gabriel
LEC 2 81081	TuTh 9:50am-11:10am	S B Union 123	Varolin, Dror
R10 81092	W 10:40am-11:35am	Socbehav Sci S218	Bay, Christopher
R11 81093	Th 8:20am- 9:15am	Physics P122	Bay, Christopher
R12 81094	M 12:50pm- 1:45pm	Physics P112	Nam, Young-Woo
R13 87783	F 12:50pm- 1:45pm	Physics P112	Nam, Young-Woo
R14 87784	W 11:45am-12:40pm	Socbehav Sci S218	Hao, Ning
R15 89739	M 2:20pm- 3:15pm	Physics P124	Hakobyan, Hrant
R16 89740	Th 12:50pm- 1:45pm	Physics P117	Feng, Haidong
R17 89741	Tu 11:20am-12:15pm	S B Union 231	Antonenko, Andrei
LEC 3 90024	MWF 9:35am-10:30am	Old Chem 116	Ionas, Radu
R20 89744	M 2:20pm- 3:15pm	Physics P130	Thind, Jaimal
R21 90026	W 11:45am-12:40pm	Library N4006	Portnaya, Tatiana
R22 90249	Th 2:20pm- 3:15pm	Harriman Hll 115	Feng, Haidong
R23 90247	Tu 2:20pm- 3:15pm	Library N4072	Cheraghi, Davoud
R24 90248	Th 2:20pm- 3:15pm	Library N4072	Cheraghi, Davoud
R25 90326	Tu 9:50am-10:45am	Physics P122	Lee, Kyewon
R26 90327	W 2:20pm- 3:15pm	Earth&Space 69	Liu, Zhen
LEC 4 90025	TuTh 5:20pm- 6:40pm	Old Chem 116	Rounds, Nathaniel
R30 96666	M 5:20pm- 6:15pm	Physics P116	Hakobyan, Hrant
R31 96668	Th 9:50am-10:45am	Physics P124	Panok, Lena
R32 96667	W 3:50pm- 4:45pm	Physics P124	Guo, Weixin
R33 96679	Tu 2:20pm- 3:15pm	Physics P123	Antonenko, Andrei
R34 96671	F 11:45am-12:40pm	Physics P128	Portnaya, Tatiana
R35 96672	Th 3:50pm- 4:45pm	Physics P129	Feng, Haidong
R36 96673	M 12:50pm- 1:45pm	Physics P128	Hao, Ning
ELC 91 96503	MW 6:50pm- 8:10pm	Hvy Engr Lab 201	Ionas, Radu
ELC 92 96504	TuTh 6:50pm- 8:10pm	Physics P113	He, Xuhua
grader2			Popa, Arthur
grader1			Cheraghi, Davoud

Schedule of Office Hours:

Instructor/TA	email	Room & Time
Antonenko, Andrei	`Andrei.Antonenko@sunysb.edu`	Tu Th 11:30am-1pm at MLC
Bay, Christopher	`chrisbay@math.sunysb.edu`	Tu 4-6pm at 2-115 Math W 12pm-2pm at MLC
Cheraghi, Davoud	`cheraghi@math.sunysb.edu`	F 10-12pm at MLC F 1-3pm at 2-112 Math
Drummond-Cole, Gabriel	`blafard@math.sunysb.edu`	Tu 5pm-6pm at 4-118 Math Th 2pm - 4pm at MLC
Feng, Haidong	`hfeng@ic.sunysb.edu`	W5-7pm at MLC W11am-12pm at D-116
Guo, Weixin	`gum@math.sunysb.edu`	W 12:50-2:50pm at MLC W 2:50-3:50 at 2-107 Math
Hao, Ning	`nhao@math.sunysb.edu`	W 10:30-11:30am at 2-120 Math W 5:10-7:10pm at MLC
Hakobyan, Hrant	`hhakob@math.sunysb.edu`	M 4pm-6pm at MLC M 7pm - 8pm at 3-104 Math
He, Xuhua	`hugo@math.sunysb.edu`	Tu Th 1pm-2pm at 3-120 Math M 1pm-2pm at MLC
Ionas, Radu	`ionas@max2.physics.sunysb.edu`	W 4:30pm-6:30pm at 6-114 Math W 10:30am - 11:30am at MLC
Lee, Kyewon	`kwlee@ams.sunysb.edu`	W 11am-12pm at MLC Th 10am-12pm at MLC
Liu, Zhen	`zheliu@ic.sunysb.edu`	Tu 8pm-11pm at MLC
Nam, Young-Woo	`ynam@math.sunysb.edu`	TTh 5-6pm at 2-117 Math MW 2-3pm at MLC
Ostrovsky, Stanislav	`stas@math.sunysb.edu`	W 1pm-2pm at 3-122 Math T 7pm-9pm at MLC
Panok, Lena	`lena@math.sunysb.edu`	Th 8:50-9:50 at 2-112 Math Th 4pm-6pm at MLC
Popa, Arthur	`arthur@math.sunysb.edu`	Grader
Portnaya, Tatiana	`tportnaya@math.sunysb.edu`	TTh 10-11am at MLC W 10:30-11:30am at S-240-C
Rajaguru, Biswajit	`munu@math.sunysb.edu`	F 2pm-5pm at MLC
Rounds, Nathaniel	`nrounds@math.sunysb.edu`	TTh 4-5pm at 4-110 Math Th 3-4pm at MLC
Thind, Jaimal	`jthind@math.sunysb.edu`	M 6-8pm at MLC F 11am at 2-112 Math
Varolin, Dror (Course coordinator)	`dror@math.sunysb.edu`	Wed 11am -2 pm at 4-117 Math