

# Mathematics A2 Schedule

2011/2012/2

No. week		Topic	
1	02.06. Mo 02.07. Tue 02.10. Fri	Introduction to numerical series. Numerical series (cont.) Numerical series (cont.)	Quiz 1
2	02.13. Mo 02.14. Tue 02.17. Fri	Power series Power series Fourier series	Quiz 2
3	02. 20. Mo 02.21. Tue 02. 24. Fri	Fourier series Practice Systems of Linear Equations	Quiz 3
4	02.27. Mo 02.28. Tue 03.02. Fri	Systems of Linear Equations Matrices, Operations Practice	Quiz 4
5	03.05. Mo 03.06. Tue 03.09. Fri	Determinants Determinants, Cramer's Rule Linear Space	Quiz 5
6	03.12. Mo 03.13. Tue 03.16. Fri	Linear Transformations <b>MIDTERM TEST 1</b> <b>NO CLASS</b> (bonus day off) make up class will be scheduled!	
7	03.19. Mo 03.20. Tue 03.23. Fri	Rank, Basis Change of Basis Linear Transformation in different bases	Quiz 6
8	03.26. Mo 03.27. Tue 03.30.. Fri	Eigen-values, Eigen-vectors (cont.) Applications, Quadratic Forms	Quiz 7
9	04.02. Mo 04.03. Tue 04.06. Fri	Practice Practice Functions of More Variables	Quiz 8
10	04.09. Mo 04.10. Tue 04.13. Fri	<b>NO CLASS</b> (day off, Easter, national holiday) Differentiation, Partial Derivatives Extrema	
11	04.16. Mo 04.17. Tue 04.20. Fri	Conditional Extrema Practice <b>NO CLASS</b> (FACULTY DAYS)	Quiz 9
12	04.23. Mo 04.24. Tue 04.27. Fri	Double integrals <b>MIDTERM TEST 2</b> Double integrals (Cont.)	
13	04.30. Mo 05.01. Tue 05.04. Fri	<b>NO CLASS</b> (bonus day off) make up class will be scheduled on Polar substitution <b>NO CLASS</b> (national holiday) Improper Double Integrals	
14	05.07. Mo 05.08. Tue 05. 11. Fri	Triple Integrals Practice REP. TEST	Quiz 10

Jan 10th , 2012

Dr. Anikó Csákány