

MATH 365 – Elementary Number Theory I

Department of Mathematics and Computer Sciences

[illegible]

Course Description Details		
Week	Dates	Topics covered
1	24. 09 – 28. 09	1. Divisibility
2	01. 10 – 05. 10	1. Divisibility
3	08. 10 – 12. 10	2. Prime Numbers
4	15. 10 – 19. 10	2. Prime Numbers
5	22. 10 – 26. 10	3. Numerical Functions
6	30. 10 – 02. 11	3. Numerical Functions
7	05. 11 – 09. 11	4. The Algebra of Congruence Classes
8	12. 11 – 16. 11	4. The Algebra of Congruence Classes
9	19. 11 – 23. 11	5. Congruences of Higher Degree
10	26. 11 – 30. 11	5. Some Diophantine Equations
11	03. 12 – 07. 12	6. The Number Theory of the Reals
12	10. 12 – 14. 12	6. The Number Theory of the Reals
13	17. 12 – 19. 12	7. Diophantine Equations
14	24. 12 – 28. 12	7. Diophantine Equations