

Course Title	()	()	Elementary Number Theory
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() Lecturer	()	/ / (Course No. /)	002998/ /3
(/HP) Contact No.		/ (Class Hour/Venue)	10:30-11:45/ 130
(Course Prerequisite)		(Target Student)	2
E-mail (E-mail Address)		/Office Hour (Office/Office Hour)	13:00-14:00

(Objectives)	
CQI (Continuous Quality Improvement Plan)	가
(Text book & References)	: Elementary Number Theory and Its Application by Kenneth Rosen, Addison-Wesley
(Assignment book)	: , David M. Burton (.),
(Lecture Methods)	75
(Assignment)	
(Reading Materials)	
가 (Course Grading)	[가] (%) : 30, (%) : 40, 가 (%) : 15, (%) : 15, 30%, 40%, 15%, 15%
(Etc.)	

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(Week)	(Course Contents)	(Etc.)	
1	chapter1. The Integers		
2	chapter3. Primes and Greatest Common divisors		
3	Chapter 4. Congruences		
4	Chapter 4. Congruences Chapter 5. Applications of congruences		
5	Chapter 6. Some special congruences		
6	Chapter 7. Multiplicative functions		
7	review		
8	midterm		

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(Week)	(Course Contents)	(Etc.)	
9	chapter8. Cryptology		
10	chapter8. Cryptology		
11	Chapter9. Primitive roots		
12	Chapter 10. Applications of primitive roots		
13	Chapter11. Quadratic residues		
14	Chapter11. Quadratic residues		
15	review		
16	final		

<p style="text-align: center;">가 1 (Additional Guide1)</p>	<p style="text-align: center;">()</p> <p>Students who require special assistance (including special needs students) may contact their professors during the first week of the semester to discuss issues related to attendance, lectures, assignments and exams and request learning assistance.</p>
<p style="text-align: center;">가 2 (Additional Guide2)</p>	