

**SYLLABUS**  
**Winter 2012**

<b>Course:</b>	Math 546– Abstract Algebra II
<b>Prerequisite:</b>	Math 545
<b>Text:</b>	Contemporary Abstract Algebra Joseph A. Gallian Seventh Edition 2008 Houghton Mifflin Company
<b>Time/Place:</b>	MW 4:00-5:50 p.m. JB-385
<b>Instructor:</b>	Zahid Hasan
<b>Office/Phone:</b>	JB 325 (909) 537-5369
<b>Email:</b>	zhasan@csusb.edu
<b>Office Hours:</b>	MWF 11:00-11:55 a.m., MW 3:25-3:55 p.m., and by appointment.

**Material to be Covered:**

We will cover chapters 12-22 of the text. These chapters contain, some of the properties, of three algebraic structures: **rings, integral domains and fields.**

**Homework:**

Homework will be assigned and collected 7 times during the quarter. Each collected problem set will be graded on a scale of 0 to 20, where the point value of each problem will be from 1 to 10 according to the difficulty and/or importance of the problem. At the end of the quarter, the homework scores will be averaged by taking the best 5 scores.

**Tests:**

We will have two tests and a "comprehensive" final exam.  
You may use the final exam percent score to replace your lower test score.

**Test Dates:**

February 1  
February 29

**Grading:**

Final	30%
Tests	50%
Homework	20%

The class grade will be determined as follows:-

90-100% an A, 88-89% an  $A^-$ , 86-87% a  $B^+$ , 80-85% a B,  
78-79% a  $B^-$ , 75-77% a  $C^+$ , 66-74% a C, 60-65% a  $C^-$ ,  
57-59% a  $D^+$ , 53-56% a D, 50-52% a  $D^-$ , and 0-49% an F.

If you must miss a test, please let me know in advance. Makeups for tests will not be given without serious and compelling reasons for your absence from the class.

**Notes:**

1. If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact Services to Students with Disabilities at UH-183, (909)537-5238.
2. Please see the section **ACADEMIC REGULATIONS** (page 46) in the **CSUSB Bulletin of Courses** (2011-12) for the university's policies on course withdrawal, cheating and plagiarism.

**Important Dates:**

January 16: Campus Closed for Martin Luther King  
January 30: The last day to drop a class without record of enrollment.  
Final Exam: Wednesday, March 21, 4:00–5:50 p.m.