

Math 601: Basic Algebra Fall 1999 Instructor: Matthew Dyer Textbook: Algebra by Thomas W.Hungerford References: Basic Algebra I, II by Jacobson

Algebra by Lang

Algèbre by Bourbaki

Algèbre Commutative by Bourbaki

Modern Algebra, Vol 1–2 by van der Waerden

Course Content: The 601/602 sequence generally covers most of the material for the graduate algebra candidacy exam, together with selected additional topics if time permits. In 601, we will present the most basic material on sets, groups, rings, modules and categories (roughly, Chapters I–IV and VII in the text).