# Curriculum for Algebra 1, EVU 2011-Aalborg Universitet

**Pensum/curriculum**
The curriculum for the exam consists of the following pages from [KN] W. Keith Nicholson. Introduction to Abstract Algebra. Third Edition. Wiley 2007.

(line -x means line x counting from the bottom of the page)

- Sections: 1.5, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10.

- From section 2.11: pages 140 (line 1)–147 (line 15).

- From section 8.1: pages 341 (line -8)–344 (line -17) + pages 345 (line 1)–347 (line 5).

- From section 8.2: pages 349 (line 21)–351 (line -4).

- From section 8.3: page 358 + pages 359 (line -12)–361 (line 2).

- ElGamal: section 4.5.2 from Niels Lauritzen, "Concrete abstract algebra", Cambridge University Press, 2003.