

201.1.7021. ALGEBRA2. BGU, SPRING 2015.

Most of the course materials are on moodle. Another site of the course:
www.math.bgu.ac.il/~kernerdm/2015.algebra2.html

Syllabus

- (1) Linear operators
- (2) Linear functionals
- (3) Polynomials
- (4) Canonical forms
- (5) Inner product spaces
- (6) Linear operators on inner product spaces

Literature

- (1) K. Hoffman and R. Kunze, Linear Algebra, Prentice-Hall, Englewood Cliffs, N.J. 1971
- (2) Shimshon Amitzur, Algebra A, Akademon, Jerusalem 1975 (in Hebrew)

Structure and the final grade

There will be 3 midterms, on 30.04, 29.05 and 25.06. Each of them is 30% of the final grade. A student missing one of the midterms without a proved justifiable reason (which will be checked) will also get 0 in the course.

There is no moed.B for the midterms.

There will be 12 homeworks, of which 9 are to be submitted.

(the submission is done in pairs via moodle, but not in triples..).

Students who did not submit 9 homeworks will get the 0 final grade.

The final mark is computed as: 10%homeworks + 90%midterms.