

The Department of Mathematics

2017–18–B term

Course Name Algebraic curves

Course web page

[https://www.math.bgu.ac.il/~kernerdm/Teaching/2018.Alg.Curves/
2018.Alg.Curves.htm](https://www.math.bgu.ac.il/~kernerdm/Teaching/2018.Alg.Curves/2018.Alg.Curves.htm)

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Office Hours <https://www.math.bgu.ac.il/en/teaching/hours>

Abstract

Requirements and grading¹

Course topics

1. Affine algebraic sets and varieties.
2. Local properties of plane curves.
3. Projective varieties and projective plane curves.
4. Riemann–Roch theorem.

¹Information may change during the first two weeks of the term. Please consult the webpage for updates