

## The Department of Mathematics

2017–18–B term

**Course Name** Algebraic curves

**Course Number** 201.2.4451

**Course web page**

<https://math.bgu.ac.il/~kernerdm/Teaching/2018.Alg.Curves/2018.Alg.Curves.htm>

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

### Abstract

### Requirements and grading<sup>1</sup>

### 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.

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