



COURSE: GEOMETRY

ACADEMIC YEAR:2017/2018

TYPE OF EDUCATIONAL ACTIVITY: Basic

TEACHER: COSSIDENTE ANTONIO

e-mail: antonio.cossidente@unibas.it

web:

phone: 0971/205852

mobile (optional):

Language: italian

ECTS: 9

n. of hours:90

Campus: Potenza

Semester: 1

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

The main purpose of the course is to transfer to the students the basics of linear algebra and analytic geometr

PRE-REQUIREMENTS

Polynomial techniques; Trigonometry; elementary algebra

SYLLABUS

Vector spaces, subspaces, bases, linear maps, matrices, determinants, rank of a matrix, eigenvectors and eigenvalues of linear operators, scalar products, bilinear forms, affine spaces and affine subspaces

TEACHING METHODS

Theoretical lessons and classroom tutorials

EVALUATION METHODS

Written and oral examinations

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL

E. Sernesi, GEOMETRIA I, Bollati Boringhieri

INTERACTION WITH STUDENTS

Tutoring and e-mail contacts

EXAMINATION SESSIONS (FORECAST)

[6/02/2018](#); [13/06/2018](#); [29.06/2018](#); [3/09/2018](#); [14/12/2018](#)

SEMINARS BY EXTERNAL EXPERTS YES NO

FURTHER INFORMATION
