



COURSE: Didattica della Matematica

ACADEMIC YEAR: 2019/20

TYPE OF EDUCATIONAL ACTIVITY: Free choice

TEACHER: Maria Rosaria Enea

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website:

phone: 0971- 205891

mobile (optional):

Language: Italian

ECTS: 6 CFU

n. of hours: 48

Campus: Potenza
Dept. DIMIE

Semester: II°

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

Study of numerical systems. Introduction of some concepts of mathematics education

PRE-REQUIREMENTS

It is necessary to have acquired the fundamental concepts of algebra courses.

SYLLABUS

Introduction of numerical systems.

Introduction to mathematics education: The didactic contract. The concepts in teaching. Obstacles and errors. The theory of didactic situations. The language of mathematics in the classroom. Problem solving activity.

TEACHING METHODS

Lecture and discussion in the classroom

EVALUATION METHODS

Oral examination

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL

Lecture notes provided by the teacher

INTERACTION WITH STUDENTS

Office hours upon request by mail

EXAMINATION SESSIONS (FORECAST)¹

In 2020: 12/06; 17/07; 16/10; 20/11.

SEMINARS BY EXTERNAL EXPERTS NO

FURTHER INFORMATION

¹ Subject to possible changes: check the web site of the Teacher or the Department/School for updates.