

468SM – FUNDAMENTAL OF ALGORITHMS

Aims

At the end of this module, students are expected to be able to:

- * evaluate the asymptotic complexity of a known algorithm;
- * design an efficient algorithm for simple problems;
- * have a picture of the most efficient algorithms in pattern matching and graph "analysis";
- * read a scientific paper about algorithms, understand, and properly present it by using the opportune terminology.

Teaching Format

Frontal lessons and demo sessions.

Assessment

Coding homework and written and oral exam.