

DESCRIPTION FORM

Subject: The Foundations of Graph Theory for L2-LMD

Goals :

1. Discover new method for problem modeling and its applications in different areas.
2. Know the most important areas of application.
3. Put in hand some concepts, methods, tools, and techniques in the field of graph theory.
4. Become familiar with graph theory algorithms and use them to resolve some critical problems.

Content :

- L2-LMD: (One course + tutorial)/week. (Tuesday 8:00 - 9:30) Face-to-face
- Presentations/Tutorials.

Teaching methodology

- Headlines Presentation (Course Collection in PDF).
- Take Notes (by students).
- Complete the course with series of exercices (supervised work/tutorials).

Evaluation method:

- Unit 1: A half-yearly assessment (50%, mark/20)
- Unit 2: Tutorial mark = (Pre-Tuto + Participation + Pres-Course) (50%, mark/20)

$$\text{Overall Subject Mark (Avg)} = (\text{Unit 1} + \text{Unit 2}) / 2$$

Rules of discipline:

- Course assistance
- Tutorial Assistance
- Preparation of Tutorial's series
- My total availability so that you can grasp the subject content (through your questions)