

Course Description

Subject: Artificial Intelligence for M2-ISSE (SIGL)

1. Brief Presentation

This course is dedicated to M2-ISSE students, Computer science field. It allows to student to understanding the key concepts in Artificial Intelligence and their applications in different specialties and domains, the course treats also other subtopics such as AI subfields, knowledge representation formalisms, machine learning and deep learning, and search strategies.

2. Course Objectives

1. Discover a new field of research which is AI and its importance in modern life.
2. Know the different areas of application of AI.
3. Put in hand advanced concepts, tools, and techniques in the field of AI.
4. Become familiar with knowledge representation methods and use them in the development of intelligent systems.
5. Discover new programming languages (Lisp, Prolog, etc.)

3. Weekly Program

- 01 course/week
- 01 Tutorial)/week.

In Face-to-face/Online (someteimes)

4. Teaching methodology

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

5. Evaluation method:

- Unit 1: A half-yearly assessment (50%, mark/20)
- Unit 2: Tutorial mark = (Attendance-Tuto + Participation + Attendance-Course) (50%, mark/20)
- Overall Subject Mark (Avg) = (Unit 1 + Unit 2)/2

6. Rules of discipline:

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