Course Outline

Introduction.

Pure logic (relational) programming.


Efficient Prolog programming.

Combining Logic Programming, Functional Programming, Higher Order, Objects.

The Ciao Programming System.

Review of first order predicate logic and resolution. Fundamental results.

Semantics of logic programs.

Other topics (if time permits).
  ◦ Implementation of logic languages and advanced compilation.
  ◦ Parallelism, concurrency.
  ◦ Other LP/CLP languages.