

CS473 Fall 2005: Practicum in Artificial Intelligence

Project Pre-Proposals

Due Date: **Beginning of class, Monday, September 12, 2005**

This is a draft version of your project proposal. We will provide feedback on your project ideas which you can then incorporate into your final project proposal. The optional sections will be mandatory in the final version, so we suggest you think a little about what you will write there.

The pre-proposal should contain the following sections:

1. *The Team.* Names of the people working on the project. We suggest working in groups about three, but can be convinced otherwise if you have a good reason. If you can't find a group, email the TAs and we will assign you to a group.
2. *Statement of the Problem/Task.* A statement of the problem, issue, or task that you're interested in studying.
3. *I/O Behavior.* A clear, concise description of what the final system will do in terms of I/O behavior.
4. *OPTIONAL: Background Reading.* A list of relevant readings that you'll use to gain some background in your selected topic.
5. *OPTIONAL: General Approach.* A high-level description of the general approach you'll use (e.g. heuristic search, learning, rules, belief networks).
6. *OPTIONAL: Evaluation Plans.* An explicit, coherent plan for quantitatively and/or qualitatively evaluating the system.
7. *Schedule.* A schedule of work indicating the dates by which you plan to complete components of the system.

The pre-proposal should not be more than **two pages** in length (just one page is fine too).