Year 3 Knowledge Based Systems (CM0377) 2001/2002
General Information

Lectures
Material will normally be presented using a combination of overhead projector slides and the whiteboard/blackboard. Notes comprising copies of all material presented on the overhead projector slides will be provided, except where it is more appropriate for you not to have the material in advance, with space left for annotation. A number of other handouts of, for example, complete programs and detailed instructions for use of the software employed in this course will also be provided. Please note:

- The OHP slides will be deliberately terse, and you would be *very unwise* not to annotate them with further detail that I offer while 'talking through' these slides.
- Similarly, you are likely to want to make additional explanatory notes when copying material from the whiteboard/blackboard.
- Sample source code files and other relevant material will be made available at the following URL:
  http://www.cs.cf.ac.uk/User/Andrew.C.Jones/kbs0102

Also:
- Tape-recording of lectures is not allowed, unless prior permission has been obtained. This permission will only be granted in exceptional circumstances (e.g. physical disability).
- Please do not talk among yourselves during the lectures. You are very welcome to ask me questions as the lecture proceeds, however.

Tutorials, etc.
A number of tutorials and laboratory classes will be arranged to complement this course; they will be announced soon. The laboratory classes will involve the use of Prolog and of JESS (the Java Expert System Shell).

Recommended Reading
The recomended textbook is:

Peter Flach, Simply Logical: Intelligent Reasoning by Example, Wiley, 1994. ISBN 0-471-94152-2.

You may wish to consider purchasing this textbook, as it gives (in my opinion, at least) very clear explanations of most of the topics we wish to cover. But there are good number of copies available in the Trevithick library. There are some topics that are not covered by Flach, and I will make reference to other relevant literature as the course progresses.

Exercises & Assessment
Two assessed exercises will be given during the course: 30% of your final assessment will come from the marks gained doing these exercises, 15% from each. The other 70% will come from the examination you will sit in the Spring. Please note that as a result of University regulations, late coursework can only be accepted if it is late with good reason. Plagiarism, if detected, will be treated seriously. Remember that you need to submit assessed coursework in order to stand a chance of getting a reasonable overall mark for this module.

Some unassessed exercises will also be given. Although not compulsory, you are strongly advised to attempt them.

A.C. Jones
29th January 2002