

assessment details for AI Programming

The AIP assessment is group work, you will be organised into groups (with 3 or 4 members in each group) and each group will prepare solutions to 5 problems as the course progresses.

Group work will include peer assessment. For an explanation of how we operate peer assessment and how individual marks are calculated from group marks, see the *peer assessment guide* under the AI Programming lecture series at www.agent-domain.org.

The 5 parts to the assessment are...

- 2 x presentation problems
- 2 x solutions to UVA problems
- 1 x AI problem (based on search, planning or using rules)

...each part contributes 20% to the final mark.

presentation problems

Groups will be assigned presentation problems as the course progresses. Groups will normally be given 1 week to complete problems (time determined by module tutors).

Groups will prepare one or more solutions to each problem and present their solution in tutorial sessions.

Presentations should last 15-20 minutes and should concentrate on the technical details of the solutions; power point slides, etc should NOT be used.

Groups must provide a *Presentation marking template* with details of their peer marks before each presentation.

UVa problems

The UVa problem-set is a large archive of computing problems hosted by Valladolid University (and others) and used in programming competitions – see details online.

Each group must select 2 problems from the problem archives. Problems must be approved by module tutors because...

1. not all problems will be accepted for this module;
2. each group must do different problems (ie: groups will not be allowed to solve the same problem);
3. the structure of input/output specified for many of the problems is in a style more suited to C, etc than Lisp. Your tutor may advise more appropriate format.

Problem archives...

<http://www.uvtoolkit.com/problemssolve.php>

<http://www.algorithmist.com/index.php/UVa>

UVa problems must be submitted using the *UVa Problem Template* (see *assessments* under the AI Programming lecture series at www.agent-domain.org).

AI problems

See the notes for Part V on the assessment section of the AI Programming pages at www.agent-domain.org.