

COMP 304: Artificial Intelligence



General

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Timetable

Day	Period	Venue
Monday	14:10 - 16:45	G21
Tuesday	12:20 - 13:05	F8
Thursday	08:40 – 09:25	F8
Thursday	09:35 – 10:20	F8



Tests and Assignments

- Two tests
 - Test 1 – before mid-term break
 - Test 2 – before end of semester
- Three assignments
 - Assignment 1 – tba
 - Assignment 2 – tba
 - Assignment 3 – tba



DP and Final Mark Calculation

- DP requirements
- Attendance of 80% of the pracs/tuts
- Class mark = $0.33 \times$ average obtained for assignments + $0.66 \times$ average obtained for tests.
- A class mark of at least 40%
- Three hour written examination
- Final mark = $0.3 \times$ class mark + $0.7 \times$ exam mark



Topics Covered

- Introduction to artificial intelligence
- State space representation and search
- Game playing
- Knowledge representation
- Prolog programming
- Expert systems
- Neural networks
- Genetic algorithms
- Agents and planning



Notes and Books

- Slides available from the Web
- Numerous books on AI

