

- Course introduction
 - Content
 - Assessment

- Content
 - First 1/3: 80% of Games AI
 - Second 1/3: 20% of Games AI
 - Third 1/3: More techniques

- First 1/3: 80% of Games AI:
 - Finite State Machines
 - Utility-based AI
 - A* for Navigation
 - Behaviour Trees

- Second 1/3: 20% of Games AI:
 - PCG
 - Automatic Game Testing
 - Whole-game search
 - Planning

- Third 1/3: More techniques
 - Machine Learning
 - More A*?
 - More planning?
 - More PCG?

- Assessment
 - You develop a game with interesting AI
 - You each submit:
 - Written report
 - Source code
 - Playable version

- Your Al System:
 - Support the game experience (not e.g. monetsation optimisation!)
 - You decide:
 - Agent AI?
 - Procedural Content Generation?

- Evaluation
 - Written report:
 - Describe
 - Justify
 - Evaluate
 - Demonstrates clear evidence of significant and complex artificial intelligence coding and development work
 - Shows that you understand of the techniques you used and the ones you didn't use (and why!)

- Save your code!
 - Use the lecture practicals to test out new techniques
 - Combine and reuse the code (appropriately!) for your assessment
- Don't write the whole thing after one lecture!
 - You'll need to combine multiple techniques
 - (or do something clever from the later parts of the course)
- Keep your game simple!
 - You get marks for your Al
 - Don't worry about graphics, story, etc.

- Keep a design diary
 - You'll need to talk about the decisions you made during the development of your AI system

- Coming up:
 - What is Games Al?
 - Finite State Machines
 - What kind of game do you want to make?



