Title: Bachelor of Computing Systems

Version: 0.1

FINAL

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Expanded Outcomes

Outcome 1: Critically analyse game design problems utilising the terminology of gaming.

- Identify game design problems using widely accepted terminology.
- Identify ethical problems associated with observing or analysing games being played.
- Observe games being played; identify good and bad design elements from these observations.
- Identify elements in games that make them "fun".
- Discuss game design problems associated with particular genres and platforms.
- Discuss player-centric/people centric requirements in the gaming context.
- Discuss various strategies to improve game play, including observation of play and collecting game play data.

Outcome 2: Critique traditional and contemporary games from a non-technical perspective.

- Identify game design elements in traditional games, for example Tic-Tac-Toe, Chess, etc.
- Contrast the difference in design methods for serious and entertainment style games.
- Identify the core mechanics of a video game to form a coherent criticism
- Describe the difference between a game review and a game criticism.
- Discuss personal biases and effects on game critiques.

Outcome 3: Produce a coherent game design document and associated prototype.

- Investigate a personal and group approach to game ideation.
- Use a collection of game design techniques.
- Develop a prototype, test the prototype, analyse gameplay from tests, refine the prototype.

Assessment:

Weighting	Nature of assessment	Learning outcomes
25%	Individual game design criticism of a contemporary video game.	1, 2
25%	Individual game design criticism of a traditional non-video game, for example Chess.	1, 2
50%	Group Game Design Document and Game Prototype.	1, 2, 3

Learning and teaching approaches:

Lectures, demonstrations, discussions and practical classes.

Students learn by doing real practical work.

Learning communities.

Lectures, practical sessions, research and self-directed study.

Learning resources required:

Multimedia software, audio-video equipment and access to a learning management system.

Materials provided on Moodle.

Additional notes, slides and external links made available on Moodle.

Learning resources recommended:

Resources available on the internet

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