COMP2X0: WORKSHEET SUPPORT

Assessment breakdown

- **Computing artefact: 50%**
  - Tailored to your specialism
  - Assessed on quality of code, implementation and working practices

- **Technical report: 50%**
  - Common to all specialisms
  - Two (main) components:
    - Technical poster (50%)
    - Written report, presented as a web page (50%)
  - Also requires a proposal – due this week!
  - Expected to form the basis for a portfolio

Technical report: components

- **Poster**
  - Contents:
    - Name and project title
    - **Description** of the artefact
    - **Illustration** of its architecture
      - At least 1 UML diagram
      - Key system components, patterns, data structures
    - **Justification** of key design decisions
      - Analyse merits and flaws
  - Format: Portrait A3 document
  - Submission: printed and PDF

- **Report**
  - Contents:
    - **Description** of the artefact
    - **Illustration** of its architecture
    - **Embedded** video of the artefact
    - **Communication** of practice-based research
    - **Defence** of an argument related to the outcome of this research
  - Format: web page, ideally part of a portfolio site
  - Submission: upload zip of html site

Technical report: mark allocation

- **Poster**
  - Completion: 15%
  - Description of architecture: 10%
  - UML diagram: 15%
  - Context for practice-based research: 10%
- **Report**
  - Completion: 15%
  - Reflection on the computing artefact: 10%
  - Defence of argument: 10%
  - Appropriateness of practice-based research methods: 10%
  - Application of academic conventions: 5%

Timeline

Table 1: Indicative Assignment Timeline

Week 2	Show Proposal to Supervisor (Part A).
Week 4	Show Computing Artefact Work-in-Progress to Supervisor (Part B).
Week 6	Show Computing Artefact Work-in-Progress to Supervisor (Part B).
Week 8	Show Draft Poster to Supervisor (Part C).
Week 8	Present Poster to Peers (Part D).
Week 9	Peer Review Web Page (Part E).
Week 10	Show Web Page to Supervisor (Part E).
Week 10	Submit Poster and Web Page to LearningSpace (Part F).
Week 13	Present Web Page at Viva (Part F).

Proposal

- **Outline** the computing artefact you intend to create
  - What is its high concept?
  - What functionality will it include?
- **Align** the computing artefact with your specialism
- **Identify** the broader context and potential application of your computing artefact
  - Why is it needed?/How would it be useful?
- **Describe** the work required
  - What are the key components/requirements?
  - How will you address the architect and research requirement?
- **Justify** that the computing artefact is feasible in scope
  - How long do you expect it to take to implement each part?