**Glasgow School of Art Course Specification
Course Title: Design and Technology Studies P4**

*Please note that this course specification is correct on the date of publication but may be subject to amendment prior to the start of the 2025-26 Academic Year.*

| Course Code: | HECOS Code: | Academic Session: |
|---|---|---|
| UoG EXT4005 | | 2025-26 |

| 1. Course Title: |
|---|
| Design and Technology Studies P4 |

| 2. Date of Approval: | 3. Lead School: | 4. Other Schools: |
|---|---|---|
| PACAAG April 2020 | School of Design | N/A |

| 5. Credits: | 6. SCQF Level: | 7. Course Leader: |
|---|---|---|
| 10 | 10 | Hugh Pizey |

| 8. Associated Programmes: |
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| BEng/MEng Product Design Engineering |

| 9. When Taught: |
|---|
| Semester 2 |

| 10. Course Aims: |
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| To develop students' awareness and knowledge in the history of design and technology; to provide a historical, cultural context for current practice; to introduce students to a range of design philosophies, movements; to develop an ability to anticipate trends and address issues. |

| 11. Intended Learning Outcomes of Course: |
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| Students will be reviewed and assessed on the work, as presented in the project report, that evidences the level of engagement with and the quality of achievement of the intended learning outcomes for Design and Technology Studies 4 listed here. In particular, by the end of this course should be able to: <ul><li>Understanding the development of design ideologies and their influence</li><li>Understanding the main influences on product development strategies</li><li>Understanding the social, economic and environmental implications of technological development</li><li>Explaining how this knowledge is of value in the design of consumer and capital goods</li><li>Understanding the relevance of social, demographic and technological trends</li><li>Extrapolate from existing data and information, likely future trends of concern to product design engineers.</li></ul> |

| 12. Indicative Content: |
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| The course covers a series of issues relating to design and technology:<br>• Past and current practice<br>• Design philosophies and movements<br><br>Future trends and issues such as:<br>• technological trends<br>• lifestyle trends<br>• responsibility/sustainability<br>• demographic change |

| 13. Description of Summative Assessment Methods: | | | |
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| The main aspects of Summative assessment are: written assignments, practical projects, presentations | | | |
| Assessment Method | Description of Assessment Method | Weight % | Submission week (assignments) |
| Studio/Project Practice | Portfolio and Digital submission | 100 | End of Semester 2 - teaching |
| **13.1 Please describe the Summative Assessment arrangements:** | | | |
| The completed Design and Technology project outcome will form the basis for the summative assessment. The final grade will be submitted to the University of Glasgow, James Watt School of Engineering Exam Board. | | | |

| 14. Description of Formative Assessment Methods: |
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| Engagement with formative assessment is a mandatory requirement.<br>Student and peer feedback are offered throughout project with detailed feedback provided after interim presentation. The main areas of student engagement are: seminars, critiques, workshops, tutorials |
| **14.1 Please describe the Formative Assessment arrangements:** |
| After most assessment events, studio staff provide feedback. The purpose of this is to help students understand areas of strength and weakness and provide advice for future direction or further learning.<br><br>Feedback for Design and Technology Studies will consist of verbal comments made during studio critique or presentation, or one-to-one in the studio. Main assessment events will be followed-up by written feedback, accompanied by a tutorial discussion with studio staff. |

| 15. Learning and Teaching Methods: | |
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| **Formal Contact Hours** | **Notional Learning Hours** |
| 22 | 100 |
| **15.1 Description of Teaching and Learning Methods:** | |
| Timetable: Thursday 10:00-13:00 | |

| 16. Pre-requisites: |
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| N/A |

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| **17. Can this course be taken by Exchange/Study Abroad students?** | Yes |
| **18. Are all the students on the course taught wholly by distance learning?** | No |
| **19. Does this course represent a work placement or a year of study abroad?** | No |
| **20. Is this course collaborative with any other institutions?** | No |
| **20.1 If yes, then please enter the names of the other teaching institutions:** | |
| N/A | |

| **21. Additional Relevant Information:** |
|---|
| N/A |

| **22. Indicative Bibliography:** | |
|---|---|
| Florman, Samuel | The Existential Pleasures of Engineering |
| Munari, Bruno | Design as Art |
| Pacey, A | Culture of Technology |
| Papanek,Victor | The Green Imperative |
| Thackara, John | Design After Modernism |
| Von Weisäcker, Ernst | Factor Four |