Glasgow School of Art Course Specification
Course Title: PDE MSc Introduction Project

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:
PPDE102 (UoG ENG5255P)		2025-26

1. Course Title:
PDE MSc Introduction Project

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	11	Craig Whittet Stuart Bailey

8. Associated Programmes:
MSc Product Design Engineering

9. When Taught:
Semester 1/Stage1

10. Course Aims:

The course aims to:

- develop, at a fundamental level, confidence in: - the learning approach; the process, the product, presentation and representation skills; interactive and group skills; analytical, problem-solving, synthetic, evaluative and applicative skills; design processes, methods and tools - appropriate for study in Product Design Engineering.
- provide a diagnostic experience for students to establish an achievable learning plan for the course.
- develop a critical, reflective and practical approach to the Design Engineering.
- develop a sound understanding and safe application of workshop practice.

11. Intended Learning Outcomes of Course:

By the end of this course students will be able to:

- Understand the issues and areas of Product Design Engineering crucial to successful product design
- Confidently use Product Design Engineering methods and tools as a vital part of product research, specification, development and refinement
- Understand current standard sources of design data

- Clearly demonstrate the use of design evaluation in design project work through an iterative process
- Understand and apply appropriate software packages
- Develop skills in user research methodologies
- Integrate design management aspects alongside other engineering and design issues to create a successful project resolution.
- Application of Computer Aided Design and Prototyping

12. Indicative Content:

- Overview – frameworks, methodologies, reference sources, Case studies
- Design Process
- Design for Manufacture
- Design for Market
- Computer Aided Design and Prototyping
- Evaluation
- Presentation Techniques
- Customer Expectations
- Design Management and Organisation
- Health and safety and workshop practice
- Orthographic Drawing
- Software and file formats

13. Description of Summative Assessment Methods:

Assessment Method	Description of Assessment Method	Weight %	Submission week (assignments)
Studio Course Work (studio project documentation)	Project portfolio: research, concept development, refinement and presentation	100	Week 13 Stage 1

13.1 Please describe the Summative Assessment arrangements:

The completed PDE MSc Introduction Project assignment and project outcomes are the basis for the summative assessment. Students are assessed on the work, as presented in their project documentation that evidences the level of engagement with and the quality of achievement of the intended learning outcomes for this course.

The final grade will be submitted to the Glasgow School of Art and University of Glasgow, James Watt School of Engineering Exam Board. Grades are ratified by the Glasgow School of Art Exam Board

14. Description of Formative Assessment Methods:

Engagement with formative assessment is a mandatory requirement.
Student and peer feedback is offered throughout the 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:

Formative assessment is primarily an interim student presentation event, 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. Feedback for this project will consist of a 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:	
Formal Contact Hours	**Notional Learning Hours**
25	100
15.1 Description of Teaching and Learning Methods:	
Industrial and Site Visits Timetable: Days of delivery depend on semester arrangements, PDE MSc Introduction Project is scheduled to take place on Thursday and Fridays	

16. Pre-requisites:
None

17. Can this course be taken by Exchange/Study Abroad students?	No
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:
This course introduces students taking the taught postgraduate programme in Product Design Engineering to a range of core studio and workshop skills that have been selected to provide a sound basis to facilitate a response to a set project brief and Product Design specification.

22. Indicative Bibliography:
The bibliography is available in the Library Section of CANVAS (Virtual Learning Environment).