

ANNOTATED PORTFOLIO OPTION TO CTPD REGISTRATION

The Annotated Portfolio Option provides a way to CTPD for candidates who have not followed an accredited academic pathway. **The career profile of such candidates must demonstrate that they have the technological product design knowledge and understanding necessary to underpin the IED's standard for CTPD registration to the same level as their peers who have followed an accredited academic pathway.**

The annotated portfolio must demonstrate the processes and outputs of technological product design education by using up to five exemplar product design projects. The process of technological product design requires a structured process which produces a creative three dimensional object solution that encompasses technical and humanistic considerations with a clearly defined user and commercial viability to answer a specific problem.

The Annotated Portfolio Format and Content

Title Page: Name, address, membership number, project title, the purpose of the portfolio, eg application for CTPD registration and any other useful information.

Abstract: Summarise the main outcomes and achievements of a technological product design project.

Annotated Portfolio may contain examples of:

- Project Brief
- Product Design Specification
- Conceptual visualisation
- Detail Design visualisation
- Commercial Analysis
- Manufacturing Analysis ie demonstration of design for appropriate production
- Technical analysis ie demonstration by calculation or simulation of technical robustness
- Humanistic analysis - ie demonstration of semiotics, trends, human interface design

The portfolio should be annotated to show how these outputs demonstrate the Output Standards equivalent to Masters Degree in technological product design ref Institution of Engineering Designers Product Design Specific Learning Outcomes for Accredited Degree Programmes.

Discussion: A 1000 word justification and critical evaluation of the design process and techniques used; how conflicting requirements were resolved and evaluation of societal and environmental impact.

Lessons learned should also be identified, with recommendations for further development or action

Size of the Annotated Portfolio: This will be determined after the Membership Committee have fully assessed the application. Advice is given as relevant to each application.

The Candidate should ensure:

- The portfolio is presented in a logical and focussed format
- The word limit is adhered to excluding acknowledgements, references, bibliography and appendices
- The portfolio is of high presentation quality and securely bound
- A declaration of authenticity is included. Authenticity should take the form of signatures by preferably an IED member.