CPD LIVE

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Refuel 1.0 FORMAL CPD POINT

Australian Institute of Architects

This CPD seminar entitles you to 1 formal CPD point. Please be aware you are required to manage your own CPD records. We will provide you with your participation certificate and answer sheet once you have attended the full seminar.

RETHINKING DESIGN INNOVATION

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Tilt The Built Environment Made Exceptional

1. How can industrial designers assist architects to realise architectural designs above and beyond traditional construction / procurement methods?
2. How can architects collaborate with an industrial designer to deliver your architectural vision?
3. How can operable technology be integrated into designs to improve efficiency, flexibility and functionality?
4. Highlight the differences between architecture and industrial design detailed drawings and where you would use an industrial designer?
5. How does the sun-shading system on the UTS Reading Rooms work? And where did the industrial designer add the most value to this project?
6. How difficult is it for architects to incorporate industrial design in their projects?

At the end of this panel, attendees will be able to:

a) Identify where a traditional approach to design and construction might restrict your design creativity and limit project outcomes.

b) Learn about the industrial design process and how collaboration with industrial designers can lead to improved design opportunities.

c) Evaluate opportunities where working with an industrial design team can assist you to realise unique designs, maintain architectural intent and manage budgets.

d) Gain in-depth insights into the digital design approach utilised by industrial designers can help manage manufacturing and procurement risk.

e) Identify the opportunities where utilising advanced manufacturing materials and technologies may improve sustainability objectives and control cost.

f) Evaluate how functional elements have helped transform ordinary spaces into multipurpose and useable places by combining aesthetics, functionality and use-ability

RETHINKING DESIGN INNOVATION

AACA Competency Codes:

1. Design: Project Briefing
   - 1.5 Knowledge of different procurement processes available and evaluation of the impact these have on the project.

3. Design: Conceptual Design
   - 3.2 Application of creative imagination, aesthetic judgement and critical evaluation in formulating design options.
   - 3.7 Assessment and integration of construction systems and materials consistent with project brief.

4. Design: Schematic Design
   - 4.5 Investigation and integration of appropriate structural, construction, service and transport systems in the project design.
   - 4.6 Investigation and integration of appropriate material selection for the project design.

7. Project Delivery: Procurement
   - 7.1 Identification of available procurement methods and assessment of relevance and application to the project.

8.Project Delivery: Construction Stage
   - 8.1 Selection process for appropriately qualified contractors is in accordance with procurement method and project contract.
   - 8.2 Recommendation regarding contractor selection and specifics of project contract are made to the client for their approval.