CCSID-06 CCSID-10
CCSID-05 CCSID-09 CCSID-13
CCSID-02 CCSID-04 CCSID-08 CCSID-12
CCSID-01 CCSID-03 CCSID-07 CCSID-11

scoping + framing futures specifying + resourcing opportunities

generating developing + contextualising propositions specifying + realising propostions + evaluating impact

expertise + professional practices

efficacy +

self efficacy

entrepreneurial innovation process

.

enterprise+ advocacy

CCSID-13: collaborate effectively with other disciplines to ensure successful implementation of design intent

CCSID-12: produce clear. precise, actionable industrial design specifications for implementation by others

CCSID-11: refine design solutions based on on-going simulation feedback

CCSID-10: execute simulations using a range of appropriate techniques

CCSID-09: plan simultion methods appropriate to interaction behaviour testing methods

CCSID-08: create novel ideas for future interactions inspired by learning and goal setting activities

CCSID-07: create propositions that connect market opportunity investor goals and available capabilities

CCSID-06: discover and prioritise interaction experience targets

CCSID-05: use secnario based analysis techniques to doument current interactions and anticipate future situtions and behaviours

CCSID-04: identify preliminary stakeholder behviour research to inform industrial design strategy

CCSID-03: identify technological and operational capabilities available to the industrial design project

CCSID-02: identify aims relevant to the industrial design project

CCSID-01: plan project management frameworks for an industrial design project

visualisation presentation discussion negotiating advocating

design research design thinking design writing

enterprise brand user /consumer interaction market channel production sustainability

LCA FEA specification prototyping evaluation

defining 'visions'

clustering stakeholders enetrprise agents team partcipants

problem solving forming solutions

defining delivery + evaluation

design communication

design discourse

design strategies

design prototyping scoping + framing futures

specifying resourcing opportunity

generating + developing propositions specifying realising impact

DESIGN PRACTICES

Practice Attributes expertise + professional practices

problem solving project process

integrity + self efficacy * advocacy * advocacy * advocacy * advocacy

enterprise + advocacy

INNOVATION PROCESS

PROGRESS AGENDA

ethics + values

sustainability inclusivity equity CSR

trends triggers futures 'riding the wave'

vision

insight

collaborative

consumption

user-centred

3P model

agenda

career goals enterprise targets ethical practice developmental targets

ENTERPRISE IMPACT

project management

planning delivery progressing monitoring evaluating

busi. model finance IPP liability legislation

differentiation

business

practice

portfolio buidling media public profile marketing CPD

benchmarking

self-advocacy

scope opportunities collaboration mentoring membership partnerships

professional

networking