Certificate in Sustainable Design Innovation (Level 9)

Introduction:
Primarily this course aims to up skill practicing design professionals in the area of Sustainable Design Practice (SDP). Likely students on this program would typically be designers, architects, design managers, marketing managers and other business managers with responsibility for new product development (NPD), company strategy and design. Those interested in developing capacity in sustainable design and innovation as a business opportunity would also benefit from this programme.

Endorsments from past students:
"*SDI helped to give me the capacity to address and implement sustainable design within our practice*"- Norman Stevenson
 (Senior Industrial Designer with Design Partners)

"*The SDI course gave me the time, structure and learning environment to reach a far greater strategic and tactical understanding of the issues, challenges and opportunities to respond to global climate and sustainability*"- Paul O'Connor (Architect)

This course is an ECTS 10 credit (Masters) Level 9 module.

Entry Requirements:
The following applicants will be considered for entry:

(1) Mature students (23 years or over)

(2) Honors (Level 8) Degree in a Design discipline or similar or an appropriate level of prior experiential learning.

(3) Other applicants will be considered on a case by case basis

Programme Content:
- Introduction to Sustainable Design (SD), case studies, approaches & philosophies
- Practical sustainable design strategies for designers
- Social and environmental legislative concerns for designers
- LCA (Product Life Cycle Analysis), LCA tools, IT(Information Technology) packages, simplified applied LCA
- Social and Corporate Responsibility
- Packaging and waste considerations for designers
- Marketing sustainable design
- Communication and presentation of sustainable design and business
- Development of the SD Brief and SD Strategy
- SD Facilitation and Multidisciplinary collaboration
- Procurement and specification of materials and processes
- Sustainable Product Service Systems   (SPSS)

Progression Opportunities:
Graduates will be eligible for exemptions on the proposed MBA in Technology Management.

Duration:
15 weeks-proposed for Saturdays 10am-1pm (Run every second Saturday)
10 x 3 hour workshop/lectures/mentoring sessions and independent applied research project (with remote mentoring)

Starting Date: September 2009

Fee details: €1200

Awarded by
Institute of Technology, Carlow

In association with: