

Activities report form

Activities: C2C Day

Date: 7th May 2013

Place: e3 Campus, Belfast Metropolitan College

Activities (description of workshops, lectures, work etc.)

A Cradle to Cradle Workshop was held on the 7th May 2013 for students on the Extended Diploma in Engineering (Manufacturing) at Belfast Metropolitan College. The primary function of the workshop was to introduce students to the concepts of C2C and introduce new design thinking approaches to their daily activities.

A key emphasis was placed on how the students could use C2C principles in their projects commencing in September 2013.

The teaching schedule for the day was:

09:00 – 11:00	C2C presentations – Why, What, etc	Mark and Findhan
11:00 – 11:15	Coffee break	
11:15 – 12:30	Desso example	Rudolph
12:30 – 13:15	Lunch break	
13:15 – 14:30	Simulation game	Mark, Findhan, Rudolph
14:30 – 14:45	Quick break	
14:45 – 16:00	How to implement in your projects	Mark, Findhan, Rudolph

Results (contacts, action plans , documents etc.)

14 students took part in the workshop with teaching from Mark Brotherston, Findhan Strain and Rudolph Bolsius

Students reported that the concept was 'very interesting' and a 'worthwhile way of designing products'. The students will be implementing the C2C concepts in the 'Engineering Project' module of the second year of their studies, commencing September 2013.

An image of the teaching can be seen in the attached file titled 'M.Brotherston teaching'.

Learning outcomes (what input has been delivered for your organisation and for yourself)

The delivery of the course has been a very useful way of learning the practical aspects of delivering courses on C2C. It is said that until you can teach a subject to others that you don't really understand it. Having gone through the preparations of notes for slides, etc, the tutors would feel much more confident of delivering such a programme once more.

There have been aspects of delivery that would contain minor tweaks for future programmes such as a more in-depth discussion on the design of products that are highly stressed or are key structural items. Aerospace or automotive components for example would be noteworthy. A more in depth analysis of how to apply these principles within an organisation would be of

benefit, although perhaps not specifically useful for under-graduate engineering students.

Agreements (what have all parties present agreed upon)

It was agreed that the pilot course was very successful, given the enthusiasm of the students and their comments at the end of the day stating its usefulness. The course tutor as well as the students themselves have agreed to look at using C2C principles in the design of subsequent projects during the 2013/14 academic year.

Contribution (description of own contribution to the activities)

Mark Brotherston:

Mark Brotherston was the lead tutor on the day of the training and put considerable effort into developing notes and teaching materials for the general introduction, the Who, What, Why and the simulation game.

Findhan Strain

Findhan Strain's responsibilities included developing notes and teaching materials for the general C2C presentations, the implementation and the delivery of the implementation section.

Both individuals were equally involved in the organisation of the day, the catering, the transportation of students, etc

Rudolph Bolsius

Rudolph Bolsius was responsible for the general organisation of the day, the preparation and the delivery of the Desso exemplar materials as well as general project management.

Remarks

No further remarks

Name:...Findhan Strain.....

Organisation...Belfast Metropolitan College.....

Place...e3 Building, 398 Springfield Road, Belfast BT 12 7DU.....

Date...12th August 2013.....

Signature.....