



CREAGH

Creagh CAD Academy

IPHA CONFERENCE - MAY 2019

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Does your company suffer from **skills shortages, limiting growth?**



Creagh Concretes' answer-

**Creaghs Computer Aided Design (CAD)
Academy**

What is the Creagh CAD Academy ?

- ▶ A bespoke Computer Aided Design Course specifically for the design of Hollowcore Flooring and Stair elements
- ▶ Course was fully written and developed inhouse by Creagh Concrete Products Ltd
- ▶ First Company in Ireland to design an inhouse training programme specific to Hollowcore Flooring
- ▶ Course is delivered by qualified teaching professionals from a local College
- ▶ Fully accredited course under the Northern Ireland Education Authority (NIEA) - ONC level
- ▶ Recently completed the 3rd consecutive, successful year of running the academy



Why did we introduce the CAD Academy?

- ▶ Creagh offer holistic approach; Design, manufacture and build contracts to clients - £200k - £30 million
- ▶ Fulfil the overall strategy of the company in terms of growth (from £80 million turnover to £150 million in the next 3 years)
- ▶ Inhouse Design is critical to the success and growth of the business
- ▶ Extensive skill shortage in Ireland of technical staff at detailing/design level
- ▶ Could not recruit technical staff to facilitate growth and business need
- ▶ Teaching CAD for hollowcore is unheard of in any CAD course
- ▶ Needed to train technical staff on our products
- ▶ 4 years ago commenced the writing of an inhouse course specific to our needs



Content of Creagh CAD Academy

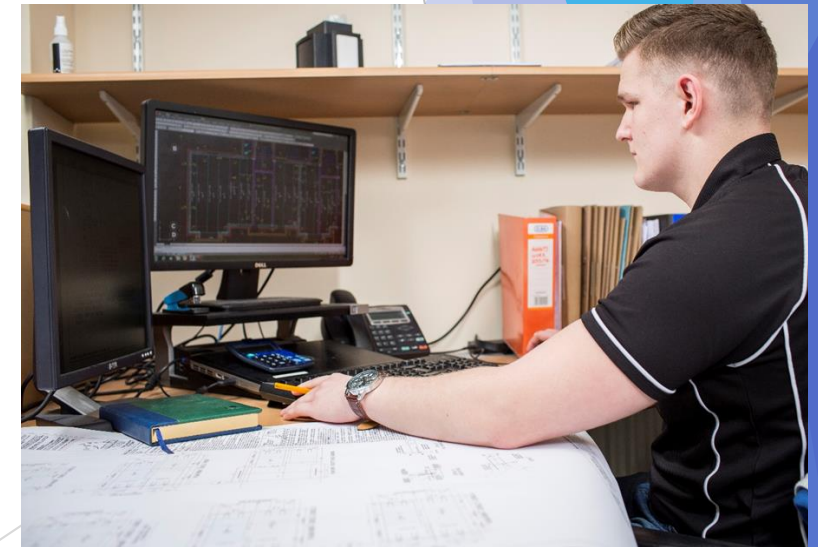
- ▶ Aimed at recruiting 16 - 30 year olds
- ▶ Target students who do not want to progress to 3rd level education; University
- ▶ 12 - 15 students attend annually
- ▶ Held in Creaghs own Training Room - with fully qualified teaching staff
- ▶ Intensive 4 month training on CAD for hollowcore flooring and stairs
- ▶ On successful completion of course - offered fulltime employment as a Trainee CAD Technician in our design offices



CREAGH ACADEMY STUDENTS AND LECTURERS 2018

Benefits of the Creagh CAD Academy

- ▶ Technical and design expertise in the Company now includes 65 highly qualified design engineers and CAD technicians
- ▶ Of which 38 people recruited via the CAD Academy in the last 3 years
- ▶ Students graduate from the Creagh CAD Academy with design experience specific to Creagh products - hollowcore flooring and stairs
- ▶ Excellent career opportunities for the students
- ▶ Now have introduced a 3D modelling academy as we progress from 2D to 3D modelling - CAD Academy is a strong foundation to allow this to happen
- ▶ Benefits have greatly out weighted the costs - skill shortage 3 years ago is well under control
- ▶ Provided sustainable employment, benefited the local economy
- ▶ Confidently continue to secure multi-million projects partly as a result of our inhouse technical expertise



CREAGH ACADEMY GRADUATE - SEAN BUTCHER