



**Trinity College Dublin**

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

# Human Factors Training

PROCESS AND SYSTEM MODELLING

RISK, SAFETY AND PERFORMANCE

AUTOMATION

COMPETENCE

HUMAN-CENTRED DESIGN

COMMUNICATION AND  
COORDINATION

LEADERSHIP

CULTURE

CHANGE MANAGEMENT

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# DELIVERING **HUMAN FACTORS TRAINING** TO AVIATION, PHARMACEUTICAL, HEALTHCARE, EMERGENCY SERVICES AND OTHER SAFETY CRITICAL ORGANISATIONS.

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## **Human Factors**

Trinity College Dublin deliver Human Factors Training as well as bespoke courses. An industry leader in addressing safety, quality, reliability and improvement in organisations. We deliver Human Factors training to aviation, pharmaceutical and other safety critical organisations (e.g. healthcare, emergency services, process industries).

Our philosophy is based on a dedication to developing human factors competence that extends beyond compliance with industry regulations. Our 3 day Human Factors training course are designed with a strong practical focus that aims to provide knowledge of how human factors affect people, and how people and organisations can manage risk and improve performance.



### **Who This Course Is For?**

Managers, quality personnel, investigators, planners, regulators, auditors, trainers, certifying staff, engineers, technicians, health and safety personnel – anyone whose decisions and actions influence the management of risk in an organisation.

### **Certificate:**

Certificate of Attendance issued to all attendees

Attendance at this course may be suitable to fulfil certain CPD requirements (please check with your relevant bodies).

### **Dates, Duration & Cost:**

This highly interactive three day training course will be held at the Trinity College Dublin campus or other suitable central Dublin location.

Training includes refreshments and lunch each day.

**Contact us** at email: [cihs@tcd.ie](mailto:cihs@tcd.ie) for details on upcoming courses and pricing.



**Modules:**

An example of the modules included is shown below.

<b>Introduction Module</b>	Establishes relevance of Human Factors to aviation Introduce and define Human Factors – taking a systems perspective Includes: exercises, case studies and industry statistics
<b>Task Module</b>	Task Design & Nature – the features of work tasks Task Environment – the context and conditions in which work tasks are performed Task Support – that help to perform work tasks, and prevent/capture errors
<b>Team Module</b>	Teamwork characteristics and managing team challenges Communication –to ensure safety and quality Coordination within and across work teams
<b>Individual Module</b>	Physiological and physical characteristics and attributes of individuals Psychological make-up of people Behaviour of people at work and factors that influence this
<b>Organisation Module</b>	Resources – the people, information and equipment resources for operational processes Context – the organisational environment (including the physical and social) Coordination – required at the organisation level to ensure effective operational processes (including supervision, management, leadership; regulation and legislative considerations)
<b>Implementation Module</b>	The application of Human Factors in aviation operations Industry regulation and individual health and safety Individual and Organisational management of Human Factors Application of learning by trainees through case study exercise

## Training Designed For You

If you would like to arrange some industry specific training for your organisation you can reach us on the contact details below. Our experienced team will be happy to discuss your needs and how we can create bespoke training for you.

**For further details you can contact us at email: [cihs@tcd.ie](mailto:cihs@tcd.ie)  
or phone +1 896 4818 / +1 896 8596  
w: [www.tcd.ie/cihs](http://www.tcd.ie/cihs)**

