

## ONGOING TRAINING EVENTS

Alongside the suite of training courses outlined within this brochure TII runs a series of training events throughout the year as a need is identified. These events include the following:

- **TII National Roads Conference** – Held in a different location every year, this annual conference offers an opportunity for TII staff and local authorities to come together to be informed on developments in standards, TII schemes and other topics of interest to those involved in road planning, design, construction and maintenance in Ireland.
- **TII Roadshows** – Held in a series of locations around the country the roadshows offer local authorities and consultants an opportunity to hear about updates to standards and technical documents issued on the TII Publications website.

## FUTURE TRAINING EVENTS

TII is continually assessing the need for additional training. The following courses are currently in the early stages of development:

- Road Drainage
- Requirements for Measurement and Pricing
- Project Appraisal and Cost Benefit Analysis Training
- Environment

TII welcome suggestions with regard to the need to develop future courses.

## TII TRAINING PROGRAMMES

TII is committed to the ongoing development of its suite of standards and technical documents. Part of this development includes the identification of training needs to meet the demands of publications which are continuously updated and developed to ensure they embrace current best practice and the advances brought through innovation.

With the recent upturn in the economy and the recruitment of new, less experienced staff, there is a need for appropriate training in the planning, design and construction of national roads.

With this in mind TII has developed an ongoing programme of training in key road design areas. A high-level introduction to the Lifecycle Delivery of National Road Projects is under-pinned by a number of specific training courses. Details of these courses are contained within this brochure.

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Transport Infrastructure Ireland

# Standards Training Programme

## DESIGN AND LIFECYCLE OF ROAD PAVEMENTS



## LIFECYCLE DELIVERY OF NATIONAL ROADS TRAINING COURSE

**CONTENT:** A high-level introduction to the Lifecycle Delivery of National Road Projects. Delegates will gain an understanding of the processes and procedures required for the development and delivery of a national road project.

**DETAILS:** An initial two day module to cover Planning and Design in centres throughout the country aimed at Junior Road Design Engineers in National Roads Offices, Local Authorities and consultants and site supervisory staff. A further module on Construction and Maintenance will follow.

**CERTIFICATION:** Delegates completing this course will receive a CPD certificate of attendance.

## VEHICLE RESTRAINT SYSTEMS DESIGN COURSE

**CONTENT:** An opportunity to be informed about the latest thinking in Vehicle Restraint Systems (VRS) with a focus on the implementation of the latest standards on VRS.

**DETAILS:** Two days, including an examination, aimed at engineers involved in the design, specification, installation, supervision, certification, maintenance and road safety reviews of vehicle restraint systems.

**CERTIFICATION:** The course is accredited by TU Dublin as a CPD Level 8 programme on the National Qualifications Framework and has a credit value of 1 ECTS credit.

## CERTIFICATE IN ROAD SAFETY ENGINEERING AND ROAD SAFETY AUDITS

**CONTENT:** This course covers both road safety engineering and road safety audit. A Certificate of Competence is one of the requirements for a Road Safety Audit Team Leader in the current TII Standard. Successful attendance at this course, passing both assessment and exam, will result in a Certificate of Competence qualification recognised by TII.

**DETAILS:** The course will be run over one semester, online through IT Sligo, and includes workshops, site visits, assessments and a final exam.

**CERTIFICATION:** The course is accredited by IT Sligo as a CPD Level 9 Post Graduate Certificate and has a credit value of 10 ECTS credits.

## DESIGN AND LIFECYCLE OF ROAD PAVEMENTS COURSE

**CONTENT:** This course encompasses the lifecycle of a road pavement from principles of design and production to the evaluation and maintenance of pavements.

**DETAILS:** Four training days across a two week period, followed by an assessment day one week later, aimed at those involved in the design and maintenance of road pavements.

**CERTIFICATION:** This course is accredited by TU Dublin as a Level 9 programme on the National Qualifications Framework and has a credit value of 5 ECTS credits.

## GEOMETRIC ROAD DESIGN COURSE

**CONTENT:** This course concentrates on the key objectives of a sustainable road design operating at its optimum safety and efficiency under Irish conditions and provides a background to the current design methods employed in Ireland.

**DETAILS:** Four training days across a two week period, followed by an examination one week later, aimed at Road Design Engineers in National Roads Offices, Local Authorities and also consultants.

**CERTIFICATION:** Details of certification are yet to be confirmed.

## 3 DAY ROAD SAFETY AUDITS COURSE

**CONTENT:** A comprehensive introduction to Road Safety Auditing. After attending, delegates should be able to undertake Road Safety Audits more objectively and confidently.

**DETAILS:** Three days aimed at those who are expected to carry out road safety audits as Team Members, those who commission audits, at designers whose work is audited and at those who manage the road safety audit process.

**CERTIFICATION:** CPD Certificate of Attendance, recognised by TII, the IHE and CIHT.