

COVADIS – HIGHWAY

**SII-299 4 Days (28 Hours)**

Description

Practical training through project-based learning involves learning by doing. It allows learners to solve real-world problems using their theoretical knowledge and develop practical skills more quickly.

Who is this training for ?

For whom

VRD design offices and construction companies, project managers, project engineers, construction professionals, topographic surveyors. Anyone required to manage a project and wishing to acquire the tools allowing them to carry out their mission successfully

Prerequisites

None

Training objectives

- Process a road infrastructure study from its initial phase (import of field data) to its final phase (integration of the project in 3D, execution plans, quantities, measurements and VRD slips)

Training program

Données de Base

- Loading Point Seeding.
- Calculates M.N.T (triangulation).
- Level curves.

Conception plane

- Simple and interactive modification of the axis in plan.
- Choice of the tabulation implementation method
- Management of secondary tabulations

Conception longitudinale

- Assembly of TN long profile.
- Assembly of a Project line with the different connections.
- Representation of ditches and pipes on the longitudinal profile .
- Long Profile Guitar Layout.

Conception transversale

- Typical profiles by points
- Typical profiles by layers.
- Complete your library of standard profiles.
- Automatically manage your library of materials.

Dévers et décapages

- Assignment of different stripping thicknesses.
- Automatic calculation of slopes according to standards.
- Variable slopes with dynamic preview.
- Modification by abscissa.

Listings du projet

- Plan surfaces.
- Optimization of cubatures.
- Automated printing of profiles