

Prestressed concrete structure & bridges



ECTS
5 crédits



Hourly volume
67h

Introducing

Description

Objectives

At the end of this module, the student will have understood and be able to explain (main concepts):

Technology, design and calculations of a prestressed concrete structure; Technology and design of metallic, concrete or composite bridges.

The student will be able to:

State the required assumptions; Calculate a prestressed concrete structure;

Define the technical choices for designing a bridge.

Necessary prerequisites

Reinforced Concrete and prestressed concrete

Structural analysis and engineering

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en continu tout le long du semestre. En fonction des enseignements, elle peut prendre différentes formes : examen écrit, oral, compte-rendu, rapport écrit, évaluation par les pairs...

Practical info

Location(s)

Toulouse