



École Supérieure d'Ingénieurs  
des Travaux de la Construction

**Courses Catalogue**  
**2nd year preparatory level**  
**TC2**



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**Sciences – 260,5h**

Mathematics	S1/S2	16	FR
Physics	S1/S2		FR
Materials resistance	S1/S2		FR
Structure mechanics	S1/S2		FR
Computer Aided Design (C.A.D)	S1/S2		FR
Computer skills	S1/S2		FR

**Technology – 336h**

Reinforced concrete	S1/S2	24	FR
Prestressed concrete	S1/S2		FR
Metal structures	S1/S2		FR
Hydraulics	S1/S2		FR
Laying out & earth moving	S1/S2		FR
Bridge building project	S1/S2		FR
Worksite equipment	S1/S2		FR
Soil mechanics	S1/S2		FR
Topography	S1/S2		FR
Construction organization & management	S1/S2		FR
Health and safety	S1/S2		FR

**Expression and Communication – 158,5h**

French	S1/S2	20	FR
Oral expression	S1/S2		FR
English	S1/S2		-
German	S1/S2		-
Spanish	S1/S2		-
Social law	S1/S2		FR
Personal & professional development	S1/S2		FR
Laborer internship	S1/S2		FR
3rd foreign language (optional)	S1/S2		FR

**Integration week**

Materials resistance	S1	-	FR
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