



École Supérieure d'Ingénieurs
des Travaux de la Construction

Courses Catalogue
1st year of engineering program
TC3





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Semester

ECTS Crédits

Language of instruction

Sciences – 138h

Mathematics	S1/S2	10	FR
Computer skills	S1/S2		FR
Structure mechanics	S1/S2		FR
Building & Public works software	S1/S2		FR

Technology – 239h

Reinforced concrete	S1/S2	20	FR
Prestressed concrete	S1/S2		FR
Metal structures	S1/S2		FR
Soil mechanics	S1/S2		FR
Materials	S1/S2		FR
Topography	S1/S2		FR
Construction general processes	S1/S2		FR
General construction	S1/S2		FR

Expression and Communication – 103,5h

French	S1/S2	6	FR
Oral expression	S1/S2		FR
English	S1/S2		-
German	S1/S2		-
Spanish	S1/S2		-
Personal & professional development	S1/S2		FR
Internship abroad	S1/S2		EN
3rd foreign language (optional)	S1/S2		FR

Corporate World

Workplacement – Internship in a compagny	S2	26	FR
Health and safety	S1/S2		FR

Integration weeks

Mathematics	S1	-	FR
General construction	S1		FR
Reinforced concrete	S1		FR
Soil mechanics	S1		FR
Structure mechanics	S1		FR
English	S1		-
German	S1		-
Spanish	S1		-
Health & safety	S1		FR
D.A.O (Computer Assisted Drawing)	S1		FR