



École Supérieure d'Ingénieurs
des Travaux de la Construction

Courses Catalogue
2nd year of engineering program
TC4




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Structures – 164,5h

Reinforce concrete	S1	10	FR
Prestressed concrete	S1		FR
Metal structures	S1		FR
Geology	S1		FR
D.A.O	S1		FR

Corporate World – 135,5h

Law	S1	10	FR
Business organization & management	S1		FR
Construction organization & management	S1		FR
Professionals careers in small companies	S1		FR
Ethic management	S1		FR

Expression and Communication – 88h

Personal orientation	S1	10	FR
Oral expression	S1		FR
English	S1		-
German	S1		-
Spanish	S1		-
Internship abroad	S1		EN
Drama class	S1		FR
French general knowledge	S1		FR

Technology – 225h

Bridge building & project	S2	10	FR
Building Information Modeling (BIM)	S2		FR
Building pathology	S2		FR
Worksite electricity	S2		FR
Planning work	S2		FR
Project management	S2		FR
Soil dynamics and structures	S2		EN

Environment – 179h

Hydraulics	S2	10	EN
Environment	S2		EN
Sustainable development	S2		FR
Research project	S2		FR/EN
Conferences	S2		FR
Risk Management	S2		EN

Expression and Communication – 152.5h

Drama class	S2	10	FR
English	S2		-
German	S2		-
Spanish	S2		-
Human sciences & management	S2		FR
Personal development	S2		FR
3rd foreign language (optional)	S2		-