

Ecole Supérieure d'Ingénieurs des Travaux de la Construction de METZ

COURSES Offer Semester 6 – Summer Semester 23023/2024

UNIT 1 BASIC ENGINEERING TOOLS	8 ECTS
Mathematics Algebra and Analysis	4
Fluid mechanics	2
Strengths of materials	2

UNIT 2 MASTERING CONSTRUCTION TECHNOLOGIES AND ORGANISATION	18 ECTS
- Reinforced concrete	4
- Wood	1
- Pavements / Public works	2
- Metal construction	2
- Energy of buildings	2
- Materials: aggregates, quarries, extraction	1
- Soil mechanics	4
- All building trades / Individual houses	2

UNIT 3 COMMUNICATING AND GETTING TO KNOW THE COMPANY	9 ECTS
- BIM	2
- Oral communication / preparation for the presentation	1
- English (TOEIC)	2
- German, Spanish	1
- French as foreign language	2