

BUILDING & CONSTRUCTION as an introduction to engineering jobs in :

Project management, technical research department, site management

		minor lecture	Major lecture	minor TU-EX	Major TU-EX	Total Major	Ind. work	Possible projects Minor : 40h, Major: 100h
CULTURE OF BUILDING	Players in the building industry The architect today Towns and town planning	2h p 2h p 4h i				8h		
SETTING UP AND MONITORING A BUILDING PROJECT	Statutory frameworks (land rights, safety, disabled people) Organisation of a building project Building economy	2h p 2h p 2h p	+ 4h p	8h p		18h		
IMPLEMENTING CONSTRUCTION PRINCIPLES	Structural work: reinforced concrete Structural work: wooden and metal structures Sub-trades (core)	2h p 2h p 2h p		8h i	+ 4h i	18h		M : re-design of structure
ENERGY & ENVIRONMENT	Energy & buildings (RT 2015, BBC) Technical work packages, home automation, lighting Environmental procedures (HQE and other quality guarantees)	2h i 2h i 2h i		8h i	+ 4h i	18h		M : energy efficiency
WORK-SITE ORGANISATION & MANAGEMENT	Preliminary organisation of building site Operational organisation of building site	2h p 2h p	+ 4h p	8h i	+ 4h i	22h		m : analysis of building site organisation
INNOVATION	New materials New products New procedures	2h i 2h p	+ 4h p	4h p		12h		m : technology watch
		ⁱ internal ^p partner	36h	+ 12h	36h	+ 12h	96h	