Communication:

Protocols and communication	**B**
Understand the major development phases for mobile communications and development of the associated technology	2
Understand the impact of new mobile technology	2
Be able to analyse and evaluate optimal wireless network technologies	2
Be able to suggest optimal technological solutions for IoT networks	2
Understand and master optimisation of communication protocols for IoT with respect to energy limitations	2
Understand and master optimisation of communication protocols with respect to security concerns	3
Know the main processing techniques used for digital communication and know how to explain the basic structure of digital RF	2
Mastering the architecture of an energy management system, simple storage, energy recovery, know how to size the storage ele	2
Security for IoT networks	**B**
Understand the fundamentals of security	3
Be able to identify security weaknesses in an IoT architecture	1
Be able to assess the impact of exploiting a security vulnerability in an IoT architecture	1
Be able to propose adequate security counter-measures	1

1-level of application: follow-up of instructions or procedures
2-level analysis: improvement or optimization of solutions or proposals
3-level of control: design of programs or definitions of specifications
4-level of expertise: definition of guidelines or strategies

Evaluation method

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TP Report
TP Report
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