Middleware and Service Traning Unit

Service Oriented Architecture	Grade	Evaluation method
Know how to define a Service Oriented Architecture	3	Project
Deploy an SOA with web services	3	Project
Deploy and configure an SOA using SOAP	3	Project
Deploy and configure an SOA using REST	3	Project
Integrate a process manager in an SOA	2	Project
Middleware for the Internet of Things	**Grade**	**Evaluation method**
Know how to situate the main standards for the Internet of Things	3	TP Report
Deploy an architecture compliant to an IoT standard and implement a sensor network	3	TP Report
deploy and configure and IoT architecture using OM2M	3	TP Report
Interact with the different resources of the architecture using REST services	3	TP Report
Integrate a new technology into the deployed architecture	2	TP Report
Adaptability: Cloud and Autonomic Computing	**B**	**Evaluation method**
Understand the concept of cloud computing	3	TP Report
Use a IaaS-type cloud service	2	TP Report
Deploy and adapt a cloud-based platform for IoT	2	TP Report

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