ISS7AB SOFTWARE ENGINEERING

ISS7AB	ECTS Credits: 2	Semester: S7
Software Engineering	Duration : 21 hours	

Person(s) in charge :

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Keywords: Software engineering, object design, agile methods, programming, software quality

Prerequisite : Java Programming, boot-camp

Objective : Learning the tools and methods for software development

Program and Contents:

Acquiring the fundamentals of software engineering and software development.

Advanced concepts of object oriented coding

Test units

Build systems.

Abilities:

Levels	Description and operationnal verbs
Know	Lean Software Development notions. Different programming environments. Agile methods tools.
Understand	The need for project management and development tools. The need for automation tools.
Apply	A version administrator. Unit tests. Build Systems.
Analyse	The quality of the development environment.
Summarise	A group of unit tests.
Assess	The need for a specific development method

Evaluations:

☑ Written Test	☑ Continuous Control	☐ Oral report	☐ Project	☐ Report