**DPT TELECOMMUNICATIONS SERVICES ET USAGES**
**TELECOMMUNICATIONS SERVICES ET USAGES APPRENTISSAGE**
INSA Campus LyonTech - Bâtiment Hedy Lamarr
6 avenue des Arts - 69621 VILLEURBANNE
Phone 0472436060
Web site : http://telecom.insa-lyon.fr/

## Informatique

### Dynamic Web

## IDENTIFICATION

CODE : TC-3-S2-EC-WEB
ECTS : 3.0

## HOURS

| | |
|---|---|
| Lectures : | 4.0 h |
| Seminars : | 8.0 h |
| Laboratory : | 0.0 h |
| Project : | 0.0 h |
| Teacher-student contact : | 12.0 h |
| Personal work : | 20.0 h |
| Total : | 32.0 h |

## ASSESSMENT METHOD

Evaluation of the project: defense
Final exam

## TEACHING AIDS

## TEACHING LANGUAGE

French

## CONTACT

M. FRENOT Stephane
stephane.frenot@insa-lyon.fr

## AIMS

Present web application development techniques by example.
Create a website in project mode as a team over a very short period.

This EC falls under the Web and Network teaching unit (TC-3-S2-UE-INF) and contributes to the following skills:

A1 Analyze a real or virtual system (or problem) (level 2)

A6 Communicate an analysis or a scientific approach with scenarios adapted to their specialty (level 2)

C3 Specify, design and model algorithms and computer programs (level 2)

C7 Implement, create, develop, deploy computer programs (level 2)

Capacity: Modern web application developer
Capacity: Deploy applications on the web

Knowledge: ReactJs
Knowledge: WEB services and client-server protocols
Knowledge: HTTP protocol
Knowledge: HTML, CSS language

A5 Process data (level 2)

Ability: Model, design and query an information system
Ability: Conduct conceptual analysis

C9 Lead projects in the digital field (level 1)

B3 Interact with others, work in a team (level 1)

In addition, it requires mobilizing the following skills:

C6 Implement, create, develop, deploy networks and protocols
A3 Implement an experimental approach
B2 Work, learn, evolve independently

## CONTENT

Introductory course on the evolution of the Web
ReactJS introductory course

Independent development of a website.

2 support sessions
10 independent sessions of 2 hours

1 defense session
1 final exam

Availability of teachers under discord.

## PRE-REQUISITE

Javascript