

# Real-Time Operating Systems

**Lecturer**

Joël GOOSSENS (Coordinator)

**Course mnemonic**

INFO-F404

**ECTS credits**

5 credits

**Language(s) of instruction**

English

**Course period**

First term

**Campus**

Plaine

## Course content

Real-time operating systems including real-time scheduling, distributed operating systems, distributed algorithms, parallel algorithms

## Objectives (and/or specific learning outcomes)

Study Advanced Operating Systems Concepts

## Teaching method and learning activities

Lectures, exercises and programming tasks

## References, bibliography and recommended reading

M. Ben-Ari, Principles of concurrent and distributed programming, Addison-Wesley, 2006 N. Navet, « Systèmes temps réel », volume 2, Hermès, 2006 A. Tanenbaum, Systèmes d'exploitation, Pearson, 2003

## Course notes

Université virtuelle and Syllabus

## Other information

### Place(s) of teaching

Plaine

### Contact(s)

Campus Plaine - Département d'Informatique - CP212 Bâtiment NO, bureau 2.N8.111 Courriel : joel.goossens@ulb.be

## Evaluation method(s)

Oral examination

### Evaluation method(s) (additional information)

Oral examination

### Determination of the mark (including the weighting of partial marks)

Oral exam 75%, homework 25%

### Main language(s) of evaluation

English

## Programmes

### Programmes proposing this course at the faculty of Sciences

MA-INFO | **Master in Computer science** | finalité Professional/unit 1 and MA-SECU | **Master in cybersecurity** | finalité Cryptanalysis and Forensics/unit 2