

# Teaching

**Faculty of Engineering of Porto University**  
**Department of Informatics Engineering**  
**João Correia Lopes**

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[Distribuição de Serviço \[FEUP\]](#)

[Calendário Escolar 2020/2021: 1st year other years](#)

## Teaching Activities

Since 15th November 1984, I've lectured in the Electrical Engineering and Computers Department and later in the Department of Informatics Engineering of the Faculty of Engineering, University of Porto (FEUP), the following subjects:

*Programming Fundamentals, Programming in Python, Programming Concepts and Constructs, XML Processing, XML storage, Information Retrieval, Web-based Applications, Semantic Web, Software Engineering, UML, Programming in Scheme, Programming in Java, Programming in C and C++, Algorithms and Data Structures, Programming in Delphi, Operating Systems, Programming in Napier88, Database Technology, Databases, Programming in SQL, Advanced Programming in UNIX, Programming in Pascal, Algebra, Statistics, Probability Theory, Circuit Theory, Signal Theory.*

### 2021/2022

- [Programming Fundamentals](#)
- [Programming](#)
- [Capstone Project](#)
- [Dissertation](#)

### 2020/2021

- [FPRO: Programming Fundamentals \(MIEIC\)](#)
- [LBAW: Database and Web Applications Laboratory \(MIEIC\)](#)
- [PF: Project FEUP \(MIEIC\)](#)
- [Dissertation \(MIEIC\)](#)
- [Dissertation \(MESW\)](#)

### 2019/2020

- [FPRO: Programming Fundamentals \(MIEIC\)](#)
- [LBAW: Database and Web Applications Laboratory \(MIEIC\)](#)
- [PF: Project FEUP \(MIEIC\)](#)
- [Dissertation \(MIEIC\)](#)
- [Dissertation \(MIB\)](#)

## 2018/2019

- [FPRO: Programming Fundamentals \(MIEIC\)](#)
- [LBAW: Database and Web Applications Laboratory \(MIEIC\)](#)
- [PF: Project FEUP \(MIEIC\)](#)
- [Dissertation \(MIEIC\)](#)

## 2017/2018

- [DAPI: Information Description, Storage and Retrieval \(MIEIC\)](#)
- [LAPD: Markup Languages and Document Processing \(MIEIC\)](#)
- [LBAW: Database and Web Applications Laboratory \(MIEIC\)](#)
- [LTW: Programming Laboratories \(MIEIC\)](#)
- [PF: Project FEUP \(MIEIC\)](#)
- [Transferable skills for engineering: LaTeX \(CTE\)](#)
- [Dissertation \(MIEIC\)](#)
- [Dissertation Thesis \(MIEEC\)](#)

## 2016/2017

- [DAPI: Information Description, Storage and Retrieval \(MIEIC\)](#)
- [LAPD: Markup Languages and Document Processing \(MIEIC\)](#)
- [LBAW: Database and Web Applications Laboratory \(MIEIC\)](#)
- [LPRO: Programming Laboratories \(MIEEC\)](#)
- [Transferable skills for engineering: LaTeX](#)
- [Dissertation \(MIEIC\)](#)
- [Dissertation Thesis \(MIEEC\)](#)

## 2015/2016

- [DAPI: Information Description, Storage and Retrieval \(MIEIC\)](#)
- [LAPD: Markup Languages and Document Processing \(MIEIC\)](#)
- [LBAW: Database and Web Applications Laboratory \(MIEIC\)](#)
- [LPRO: Programming Laboratories \(MIEEC\)](#)
- [Transferable skills for engineering: LaTeX](#)
- [Dissertation Thesis \(MIEEC\)](#)

## 2014/2015

- [DAPI: Information Description, Storage and Retrieval \(PRODEI/MIEIC\)](#)
- [LAPD: Markup Languages and Document Processing \(MIEIC\)](#)
- [LBAW: Database and Web Applications Laboratory \(MIEIC\)](#)
- [LPRO: Programming Laboratories \(MIEEC\)](#)
- [Dissertation \(MIEIC\)](#)
- [Dissertation Thesis \(MIEEC\)](#)

## 2013/2014

- [DAPI: Information Description, Storage and Retrieval](#) (PRODEI/MIEIC)
- [LAPD: Markup Languages and Document Processing](#) (MIEIC)
- [LBAW: Database and Web Applications Laboratory](#) (MIEIC)
- [LPRO: Programming Laboratories](#) (MIEEC)
- [Dissertation](#) (MIEIC)

## 2012/2013

- [DAPI: Information Description, Storage and Retrieval](#) (PRODEI/MIEIC)
- [LAPD: Markup Languages and Document Processing](#) (MIEIC)
- [LBAW: Database and Web Applications Laboratory](#) (MIEIC)
- [LPRO: Programming Laboratories](#) (MIEEC)
- [Dissertation](#) (MIEIC)
- [Dissertation Thesis](#) (MIEEC)

## 2011/2012

- [DAPI: Information Description, Storage and Retrieval](#) (PRODEI/MIEIC)
- [LAPD: Markup Languages and Document Processing](#) (MIEIC)
- [LBAW: Database and Web Applications Laboratory](#) (MIEIC)
- [SIBD: Information Systems and Databases](#) (MIEEC)
- [Dissertation Thesis](#) (MIEEC)

## 2010/2011

(Sabbatical year)

- [Dissertation](#) (MIEIC)

## 2009/2010

- [Information Description, Storage and Retrieval](#) (PRODEI/MIEIC)
- [Markup Languages and Document Processing](#) (MIEIC)
- [Database and Web Applications Laboratory](#) (MIEIC)
- [Programming Laboratories](#) (MIEEC)
- [Programming Paradigms](#) (PRODEI)
- [Project FEUP](#) (MIEIC+MIEIG)
- [Dissertation Thesis](#) (MIEEC)
- [Dissertation](#) (MIEIC)

## 2008/2009

- [Information Description, Storage and Retrieval](#) (PRODEI/MIEIC)
- [Markup Languages and Document Processing](#) (MIEIC)

- [Database Laboratory](#) (MIEIC)
- [Programming Laboratories](#) (MIEEC)
- [Programming Paradigms](#) (PRODEI/MIEIC)
- [Project FEUP](#) (MIEIC+MIEC)
- [Dissertation Thesis](#) (MIEEC)
- [Project](#) (MIEIC)

## 2007/2008

- [Information Description, Storage and Retrieval](#) (PRODEI/MIEIC)
- [Markup Languages and Document Processing](#) (PRODEI/MIEIC)
- [Database Laboratory](#) (MIEIC)
- [Programming Laboratories](#) (MIEEC)
- [Programming Paradigms](#) (PRODEI/MIEIC)
- [Dissertation Thesis](#) (MIEEC)
- [Project](#) (MIEIC)

## 2006/2007

- [Information Description, Storage and Retrieval](#) (PRODEI/MEI/MIEIC/LEIC)
- [Markup Languages and Document Processing](#) (PRODEI/MEI/MIEIC/LEIC)
- [Database Laboratory](#) (MIEIC/LEIC)
- [Programming Laboratories](#) (MIEEC/LEEC)
- [Programming Paradigms](#) (PRODEI/MEI/MIEIC/LEIC)
- [Project or Training](#) (MIEIC)

## 2005/2006

- [Information Description, Storage and Retrieval](#) (PRODEI/MEI/LEIC)
- [Markup Languages and Document Processing](#) (PRODEI/MEI/LEIC)
- [Database Laboratory](#) (LEIC)
- [Software Engineering Laboratory](#) (LEIC)
- [Programming Paradigms](#) (PRODEI/MEI)
- [Project or Training](#) (MIEIC)

## 2004/2005

- [Database Laboratory](#) (LEIC)
- [Software Engineering Laboratory](#) (LEIC)
- [Structured Processing of Documents](#) (MEI/LEIC)
- [Programming Paradigms](#) (MEI)
- [Project or Training](#) (MIEIC)

## 2003/2004

(Sabbatical year)

- [Project or Training](#) (MIEIC)

## 2002/2003

- [Web Applications](#) (MEEC)
- [Computers and Programming II](#) (MQG)
- [Database Laboratory](#) (LEIC)
- [Software Engineering Laboratory](#) (LEIC)
- [Software Engineering](#) (LEIC)
- [Project or Training](#) (MIEIC)

## 2001/2002

- [Web Applications](#) (MEEC)
- [Database Systems](#) (MIAC)
- [Introduction to Programming I](#) (LEIC)
- [Technologies of Database Management Systems](#) (LEIC)
- [Database Management Systems Laboratory](#) (LEIC)
- [Advanced Informatics Laboratory](#) (LEIC)
- [Software Projects Management](#) (LEIC)
- [Training Period of training](#) (MIEIC)

## 2000/2001

- [Web Applications](#) (MEEC)
- [Database Systems](#) (MIAC)
- [Introduction to Programming I](#) (LEIC)
- [Technologies of Database Management Systems](#) (LEIC)
- [Database Management Systems Laboratory](#) (LEIC)
- [Advanced Informatics Laboratory](#) (LEIC)
- [Software Projects Management](#) (LEIC)
- [Algorithms and Data Structures](#) (LEIC)

## 1999/2000

- [Web-based Applications](#) (MEEC)
- [Database Systems](#) (MI)
- [Advanced Informatics Laboratory](#) (LEIC)
- [Database Management Systems Laboratory](#) (LEIC)
- [Software Projects Management](#) (LEIC)
- [Algorithms and Data Structures](#) (LEIC)

## 1998/1999

- [Advanced Topics in Database Systems](#) (MEEC)
- [Information Systems and Databases](#) (MEEC)
- [Database Systems](#) (MIAC)

- [Advanced Informatics Laboratory](#) (LEIC)
- [Database Management Systems Laboratory](#) (LEIC)
- [Software Projects Management](#) (LEIC)
- [Algorithms and Data Structures](#) (LEIC)
- [Projects](#) (LEEC)

## 1997/1998

- [Advanced Topics in Database Systems](#) (MEEC)
- [Information Systems and Databases](#) (MEEC)
- [Computers and Communication Networks](#) (MGI)
- [Database Systems](#) (MIAC)
- [Advanced Informatics Laboratory](#) (LEIC)
- [Database Management Systems Laboratory](#) (LEIC)
- [Technologies of Database Management Systems](#) (LEIC)
- [Informatics Systems](#) (LEEC)
- [Programming](#) (LEEC)

## 1996/1997

- [Advanced Topics in Database Systems](#) (MEEC)
- [Technologies of Database Management Systems](#) (LEIC)
- [Informatics Systems](#) (LEEC)
- [Computers and Programming 2](#) (LEEC)
- [Databases](#) (LEEC)
- [Computers and Programming 1](#) (LEEC)

## 1995/1996

- [Advanced Topics in Database Systems](#) (MEEC)
- [Informatics Systems](#) (LEEC)
- [Computers and Programming 2](#) (LEEC)
- [Theory of Probabilities](#) (LEEC)

## 1994/1995

- [Informatics Systems](#) (LEEC)
- [Computers and Programming 2](#) (LEEC)
- [Theory of Probabilities](#) (LEEC)

## Programmes

- LEEC: [Licenciatura in Electrical and Computers Engineering](#) (FEUP)
- LEIC: [Licenciatura in Informatics and Computing Engineering](#) (FEUP)
- MEEC: [Master in Electrical and Computer Engineering](#) (FEUP)
- MEI: [Master in Sciences in Informatics Engineering](#) (FEUP)

- MGI: [Master in Information Management](#) (FEUP)
- MIEEC: [Master in Electrical and Computers Engineering](#) (FEUP)
- MIEIC: [Master in Informatics and Computing Engineering](#) (FEUP)
- MIEIG: [Master in Industrial Engineering and Management](#) (FEUP)
- PRODEI: [Doctoral Program in Informatics Engineering](#) (FEUP)
- MIAC: [MSc in Artificial Intelligence and Computing](#) (FEUP/FCUP/FEP)
- MQG: [Mestrado em Métodos Quantitativos Aplicados à Gestão](#) (EGP)
- MI: [Mestrado em Informática](#) (FCUP)

## Places

- FEUP: [Faculdade de Engenharia da Universidade do Porto](#)
- EGP: [University of Porto Business School](#)
- FCUP: [Faculdade de Ciências da Universidade do Porto](#)

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