UNIVERSITÀ DI PISA

ADVANCED PROGRAMMING

GIAN-LUIGI FERRARI

Anno accademico	2016/17
CdS	INFORMATICA E NETWORKING
Codice	301AA
CFU	9

Moduli	Settore/i	Tipo	Ore	Docente/i
PROGRAMMAZIONE AVANZATA	INF/01	LEZIONI	72	GIAN-LUIGI FERRARI

Obiettivi di apprendimento

Conoscenze

This is a course about the practice of programming, an attempt to expose students to the development of real programs. Programming is more than just writing code. Programmers must also assess tradeoffs, choose among design alternatives, debug and test, improve performance, and maintain software written by themselves and others. At the same time, they must be concerned with compatibility, robustness, and reliability, while meeting specifications. Advanced Programming is about programming, not about a specific programming language.
The main teaching objectives of this course are:

1. to provide the students with a deep understanding of high level programming concepts and metaphors and which are their costs and limitations
2. to acquaint the students with modern principles, techniques, and best practices of sophisticated software construction
3. to introduce the students to techniques of programming at higher abstraction levels

Pagina web del corso

http://pages.di.unipi.it/ferrari/CORSI/AP/AP.html

Ultimo aggiornamento 17/05/2017 18:04