

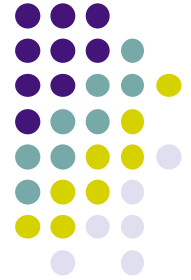
# Louv1.1x

## course organisation



- Certificate
  - Choose Honor Code Certificate (free) or Verified Certificate (with donation)
- Lessons
  - Six lessons; one lesson per week
  - Starts Sep. 22, ends Nov. 3
- Weekly exercises (50% of grade)
  - Conceptual exercises (multiple choice + fill in blank)
  - Programming exercises (corrected using INGINIOUS)
  - One week deadline + two-week grace period
  - Infinite number of tries per exercise
- Final exam (50% of grade)
  - Starts Nov. 3, due Nov. 10
  - Two tries per exercise

# Schedule



1. Sep. 22: [Introduction](#)
2. Sep. 29: [Recursion, loops, and invariant programming](#)
3. Oct. 6: [Lists and pattern matching](#)
4. Oct. 13: [Higher-order programming and records](#)
5. Oct. 20: [Trees and computational complexity](#)
6. Oct. 27: [Correctness and semantics](#)
7. Nov. 3: [Final exam](#)
8. Nov. 10: [Final exam due date](#)

# Software

- edX
  - Support platform that integrates INGINious
  - Course documentation textbook and slides
- INGINious
  - Interactive exercise grader
  - Gives feedback on programming errors
  - Runs with its own version of Mozart
- Mozart ([www.mozart-oz.org](http://www.mozart-oz.org))
  - Mozart implements the Oz language
  - You need to install Mozart locally for the exercises
  - Simplified installation (VirtualBox) or full installation



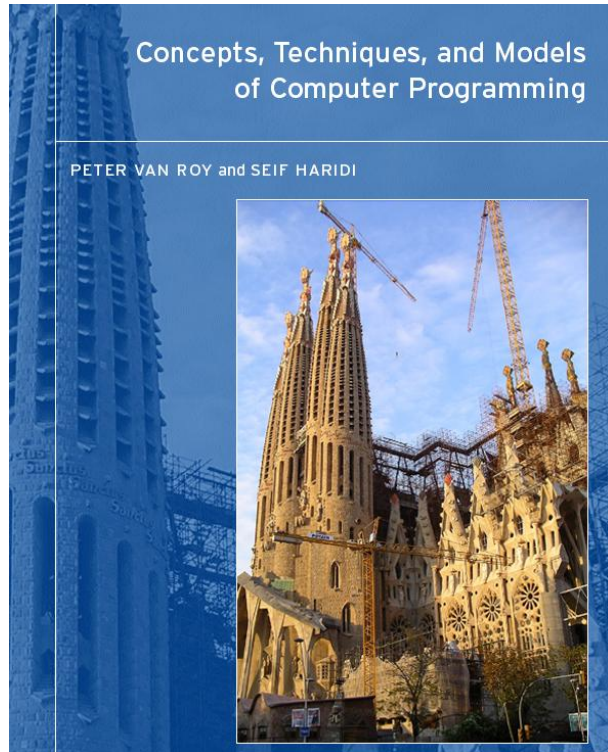
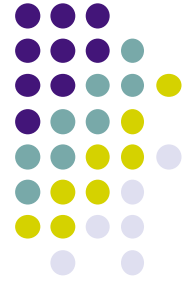
INGInious



m<sup>oz</sup>art



# Course textbook and handouts



- “Concepts, Techniques, and Models of Computer Programming” by Peter Van Roy and Seif Haridi, MIT Press
- MIT Press has made available part of the book for the course
- There will also be slides and a few other documents to supplement the book