



# OO Analysis and Design with UML 2 and UP

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# Introduction

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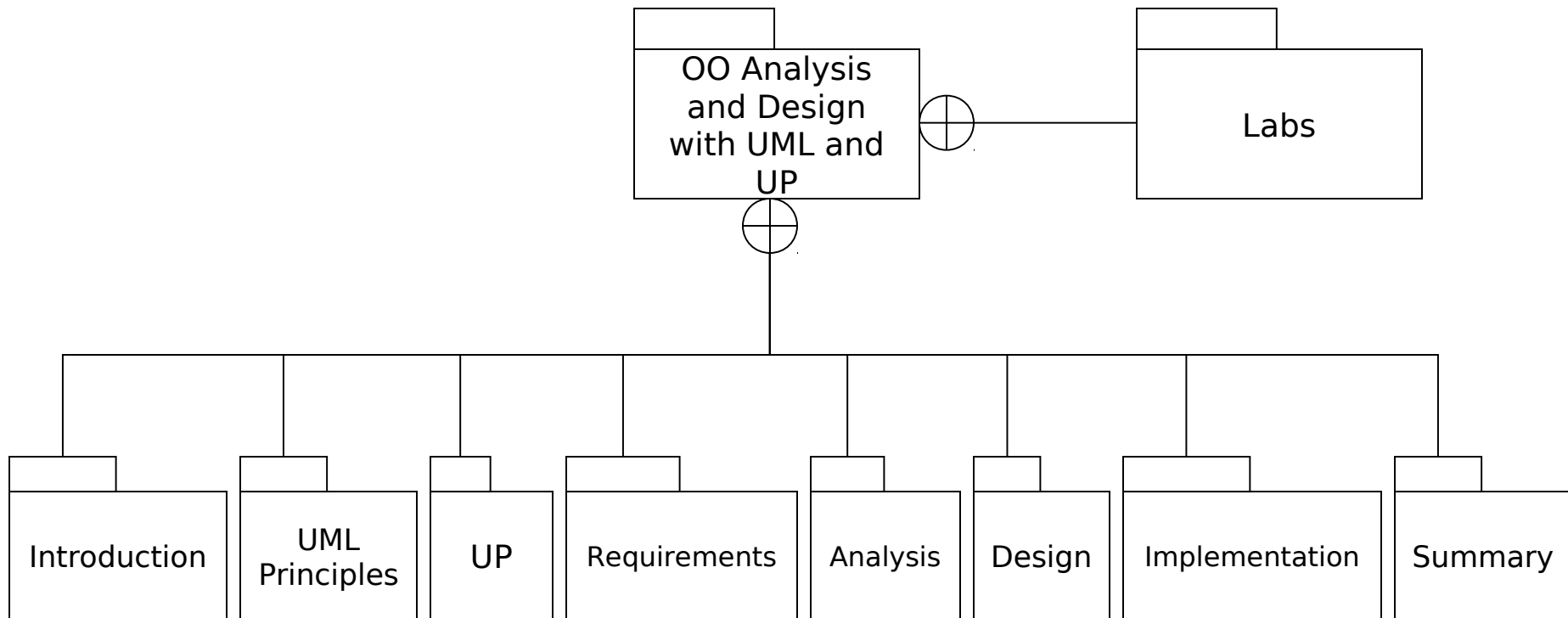


# About you...

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- Name?
- Company?
- What are you working on?
- Previous experience of OO?
- Previous experience of modelling?
- One thing you hope to gain from this course?
- Any hobbies or interests?

# Structure of this course



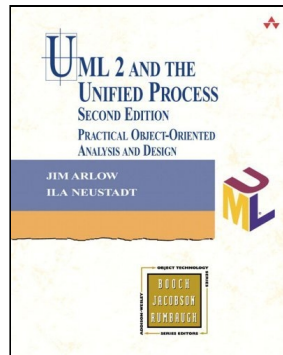
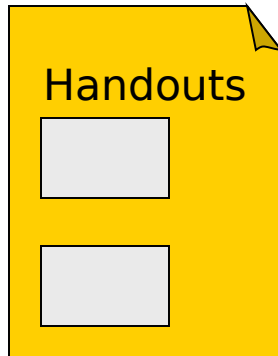


# Guiding principles

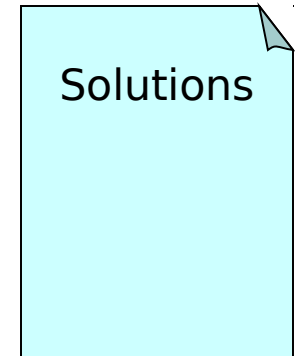
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- This course uses the Unified Software Development Process (UP) to define the activities of OO analysis and design using UML
- The UP is the industry standard software engineering process for the UML

# Course materials



ISBN:0321321278



- For easy reference, all slides in this course are cross referenced to sections in the course book "UML 2 and the Unified Process"
  - There is an example cross reference icon in the top left hand corner of this slide

# Labs

- This is a practical course, and there is a lot of laboratory work
- Our approach to this work is cooperative rather than competitive
  - Work together
  - Ask each other for help
  - Share ideas and experience
- Don't get bogged down!
  - If something brings you to a halt for more than 10 minutes, then ask for help





# Goals of the course

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- To provide a thorough understanding of OO analysis and design with UML
- To follow the process of OO analysis and design from requirements capture through to implementation using the Unified Software Engineering Process as the framework
- To have fun!





# Conditions of satisfaction

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- You will know you are succeeding when:
  - You can read and understand UML diagrams
  - You can produce UML models in the laboratory work
  - You apply your knowledge effectively back at your workplace
- Questions:
  - You can ask questions at any time!
  - Your participation is always valued





# Summary

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- That's the end of the introduction so on with the course!



# Podmínky absolvování předmětu

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- Zápočet – 33 bodů (minimum 17)
  - 23 bodů – projekt (povinný)
  - 5 bodů - prezentace na vybrané téma
  - 5 bodů – prezentace výsledků projektu (povinná)
- Zkouška – 67 bodů (minimum 34)
- Bonus body – 6 bodů – aktivita