

Object-oriented programming



Vũ Thị Hồng Nhạn

(vthnhan@vnu.edu.vn)

Dept. of Software Engineering, UET,

Vietnam National Univ., Hanoi

About the course

- ❖ Course: Object-oriented programming (3 credits)
- ❖ Code: INT2204
- ❖ Duration: Sept. ~ Oct.
- ❖ Instructor: Vũ Thị Hồng Nhạn
- ❖ Materials
 - **Head first java, 2nd ed.**
 - **Giáo trình “Lập trình hướng đối tượng”, NXB ĐHQG 2013**
 - Effective Java, 2nd edition
 - Deitel & Deitel, Java How to program, 9th edition, 2013
 - Head first Object-oriented analysis & Design
 - Enrich Gamma, “Design patterns”, Addition Weley
 -

About the course....

❖ Grading (**subject to change!**)

- 20% assignments
- 25% mid-term
- 25% term project
- 30 % final

❖ Course homepage

- <http://courses.uet.vnu.edu.vn>

Schedule (tentative)

Index	Lecture	Computer lab
1	Overview of OOP	<ul style="list-style-type: none">• Assignments corresponding to lectures• Term projects
2	Introduction to Java	
3	Introduction to Java (cont.)	
4	Introduction to Java (cont.)	
5	Inheritance & Polymorphism	
6	Interface (multiple inheritance)	
7	Exception handling	
8	Exception handling (cont.)	
9	Streams	
10	Collection	
11	Template	
12~	Pattern design Testing term projects	