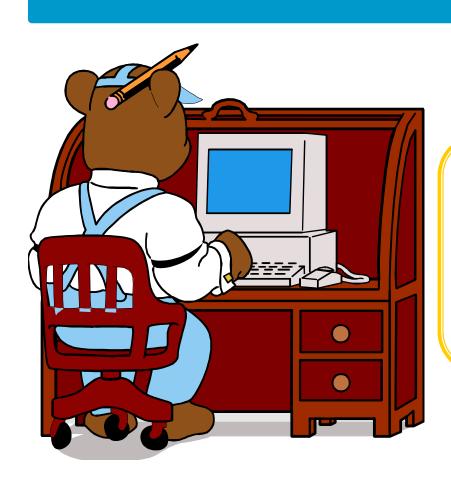# Object-oriented programming

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About the course

❖ Course: Object-oriented programming (3 credits)

❖ Code: INT2204

❖ Duration: Sept. ~ Dec.

❖ 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

- 20% mid-term

- 30% term project

- 30 % final

❖ Course homepage

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

Schedule (tentative)

Index	Lecture	Computer lab
1	Overview of OOP	• Assignments corresponding to lectures • Term project
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	