

**Stony Brook University**  
**Corporate Education**  
**& Training**  
**Vice President for Economic Development**



## *Hot Topics in Software Analysis*

In conjunction with Valtech Technologies, Inc.,  
the Center is pleased to present:

### **Object Oriented Analysis and Design Using UML, & Patterns (OOAD)**

**5 days**

**\$1895**

Learn the basic process of gathering requirements, performing analysis, and creating maintainable and extensible object-oriented designs. Build analysis and design artifacts using UML (Unified Modeling Language). Throughout the course you receive one-on-one guidance on several different projects that showcase the analysis and design lifecycle.

- Create analysis & design using UML
- Performing problem analysis
- Create maintainable object-oriented designs
- Write complete & effective use cases
- Create design class diagrams
- Create interaction diagrams

### **Requirements and Object-Oriented Analysis (ROOA)**

**4 days**

**\$1895**

Through carefully designed and realistic exercises, you learn to analyze stakeholder needs, define project scope, identify and specify use cases, and explore domain vocabulary and business processes. These analyses underlie a number of Unified Process artifacts including the Vision, Use Case Survey, Use Case Detail Model, Domain Model, Business Process Model, and Supplementary Specification.

- Isolate and identify the problem
- Investigate stakeholders
- Scope and delimit the project
- Define requirements efficiently
- Relate use cases into business processes

**For complete course descriptions, schedules and registration visit**  
**[www.valtech.com](http://www.valtech.com) or [www.sunysb.edu/sbucet](http://www.sunysb.edu/sbucet)**

## **Stony Brook University Center for Emerging Technologies**

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**[www.sunysb.edu/sbucet](http://www.sunysb.edu/sbucet)**  
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