

## **Module Template Development**

VT Template + UNC Template

August 27, 2007

1. Module name
2. Scope
3. Learning objectives
4. 5S characteristics of the module
5. Level of effort required (in-class and out-of-class time required for students)
6. Relationships with other modules (flow between modules)
7. Prerequisite knowledge/skills required (completion optional)
8. Introductory remedial instruction (completion optional; the body of knowledge for the prerequisite knowledge/skills required)
9. Body of knowledge (Theory + Practice)
  - : Topics might be skipped or studied in different orders

### Topic 1

- Theories and background knowledge of the topic
- Learning activities
  - Presentation slides
  - Interactive demo
- Resources
  - Textbooks (relevant parts might be marked with SI tool)
  - Reference papers (relevant parts might be marked with SI tool)
  - Advanced reading
- Worksheets

### Topic 2

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### Topic 3

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10. Resources (textbooks, required and optional readings for instructors and students)
11. Concept map (created by students)
12. Exercises / Learning activities

13. Evaluation of learning objective achievement

14. Glossary

15. Additional useful links

16. Contributors

# Template development was based on the resources below and UNC module template

[1] Yue-Ling Wong, Jennifer Burg, and Leah McCoy, "Integrated Digital Media Curriculum Development Project" Supported by the National Science Foundation under Grant No. DUE-0340969, from Jan 2004 - Dec 2006. The project homepage URL is

<http://digitalmedia.wfu.edu/project/digital-media-curriculum-development/textbased-index.html>

[2] Ze-Nian Li and Mark S. Drew, "Fundamentals of Multimedia" at <http://www.cs.sfu.ca/mmbook/>

[3] Multimedia Systems course website, Department of computer science at University of Victoria, British Columbia, Canada. URL: <http://www.csc.uvic.ca/courses/spring2004/csc/461-561.html>