

Contact

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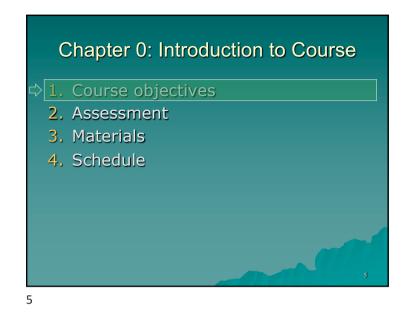
Course Info

- Resources and Materialshttps://bit.ly/2mdbzc1
- ◆ Student List
- Facebook Group

Chapter 0: Introduction to Course

- 1. Course objectives
- 2. Assessment
- 3. Materials
- 4. Schedule

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Chapter 0: Introduction to Course

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1. Course objectives
After completing this course, student will be able to:

Explain web techniques including HTML, CSS, XML, JavaScript and PHP.
Develop both client-side scripts and server-side scripts
Improve group working skill, presentation skill

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2. Assessment

- Training System
 - Number of credits: 4
 - Studying at class and in group (4 teaching hours at class + 3 teaching hours).
 - Do and present the project in groups
- Training Regulations: Comply with regulations of:
 - Ministry of Education and Training
 - Hanoi University of Technology

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Project — work in group • Topic of your Project - Decided by yourself - Each group member needs to independently implement management functions (create, delete, update, display data from at least two tables) • Present the project result from Week 14 to Week 15 - Hand in the project report before presentation via email to the lecturer - Project report must include table of content, member responsibility assignment and detail of the project.

Project Evaluation

• Framework/Model, coding styles: 30%

• Business Logic: 40%

• Report: 10%

• Presentation: 10%

• Innovation/Creative: 10%

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Jestbooks

 Elisabeth Robson, Eric Freeman; Head First HTML with CSS & XHTML; O'Reilly Media, Inc.
 Kevin Tatroe, Rasmus Lerdorf, Peter MacIntyre; Programming PHP, 2nd Edition; O'Reilly Media, Inc.
 Lash, The Web Wizard's Guide to PHP, Prentice Hall

 Reference books

 David Flanagan; JavaScript: The Definitive Guide, 5th Edition; O'Reilly Media, Inc.
 Molly E. Holzschlag, Spring Into HTML and CSS, Addison-Wesley Professional
 Adam Trachtenberg; Upgrading to PHP 5; O'Reilly Media, Inc.



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4. Schedule
Week 1:

Introduction to course
Introduction to Web Programming
Introduction to HTML & PHP

Week 2:

PHP Variables and HTML Input Form

Week 3

PHP Conditional Statements. PHP Functions

Week 4

Working with Arrays in PHP

4. Schedule (2)
Week 5:

Using MySQL with PHP
Advanced MySQL & PHP

Week 6:

Regular expressions in PHP

Week 7: CSS
Week 8:

OOP in PHP

Week 9:

Javascript

4. Schedule (3) Week 10: Advanced JavaScript and PHP frameworks Week 11: Managing Multiple-Form Applications Week 12: Web Techniques and Security in PHP Week 13: XML & XHTML Week 14-15: Present and hand in the project result

Introduce yourselves

• Full name
• Knowledge of Web Programming
- HTML
- XML
- CSS
- PHP
- JSP & Servlet
- ASP/ASP.NET
• Desire to study in this course

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Docker and Docker-Compose Short: https://www.youtube.com/watch?v=YFl_2mCHdv24 https://www.youtube.com/watch?v=Qw_9zlF3t8Ko Long: https://www.youtube.com/watch?v=zJ6_WbK9zFpI https://www.youtube.com/watch?v=tlU_pIoF_conA

Docker and Docker-Compose

Tutorials

https://viblo.asia/p/docker-ciua-biet-gl-den-biet-dung-phan-1-lich-su-by-ZkWr=Z01

https://viblo.asia/p/docker-vs-docker-compose-RnB5pXGd5PG

https://viblo.asia/p/docker-vs-docker-compose-for-php-development-with-glinub-and-digital-ocean-deployment-980f55002f3c

https://docker-ghichep.readthedocs.io/en/latest/docker-compose/

https://www.voutube.com/watch2v=ThondYovntM

https://www.voutube.com/watch2v=ThondYovntM

https://docs.docker.com/

