



Course syllabus

CT313H – WEB TECHNOLOGY

C e Ob ec e

- I d ce ba c ec g e eb a ca
de e e
- Af e c e e de ca
 - e HTML CSS XML JSON Ja a c AJAX Q e
de e g eb a ca
 - c ea e eb a ca ba ed MVC de
 - e OOP a ac PHP
 - c ea e eb a ca b e de ce

Course content

- Chapter 1: Introduction
- Chapter 2: Design web UI with Bootstrap
- Chapter 3: jQuery
- Chapter 4: OOP in PHP and PDO
- Chapter 5: MVC model
- Chapter 6: Web API

Prerequisite: Web programming

Labs

- : Bootstrap
- : jQuery
- : OOP in PHP and PDO
- : MVC – Part 1
- : MVC – Part 2
- : Web API

Reference

- B a

- ge b a c
- c c b a
- b a c c

- Q e

- Bea B bea Ye da Ka A e De R a **Jquery in**
Action d Ed Ma g
- c c e
- ea e c

References

- PHP:

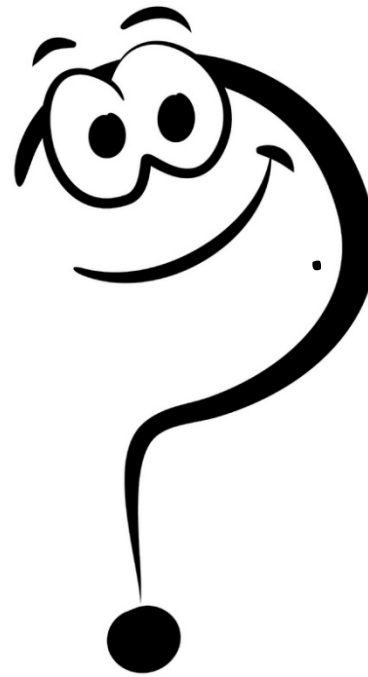
- Ullman Larry. **PHP Advanced and Object-Oriented Programming**, Third Edition, Peachpit Press, 2013.
- Matt Zandstra. **PHP Objects, Patterns, and Practice**, Third Edition, Apress, 2010.
- <https://github.com/domnikl/DesignPatternsPHP>
- <http://php.net/manual/en/book.pdo.php>

- Web API, REST API:

- http://www.ics.uci.edu/~fielding/pubs/dissertation/rest_arch_style.htm
- REST API Tutorial (<http://www.restapitutorial.com/>).
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Grading

- Assignment (Quizzes + Labs): 40%
- Final (project): 60%



Question

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