Web Programming

2 units (selection)

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Target⟩ This class provides the knowledge and skills necessary for efficiently developping Web applications in the Internet, and implementing the software of high quality.

Outline⟩ This class introduces Web programming frameworks and Web programming techniques systematically necessary for efficiently developing Web applicatins of high quality, and then explains the development of some Web application systems as practical examples to teach the development skills such as Web design patterns.

Style⟩ Lecture

Keyword⟩ *Java, Servlet, JSP, Web applications*

Fundamental Lecture⟩ "**Programming Methodology**"(1.0), "ソフトウェア工学" (1.0)

Relational Lecture⟩ "**System Administration**"(0.5)

Requirement⟩ Students are required to hava a good understanding of undergraduate-level Java programming and related subjects.

Goal⟩ To understand the system configuration of Web applications that consists clients and a server, and design flexible Web application systems

Schedule⟩
1. Web application
2. HTTP/Session
3. Database
4. JSP custom tags
5. Web services
6. Applets
7. JavaScript/AJAX
8. Flash/Flex
9. Web programming frameworks
10. BioPro
11. Internationalization
12. Web programming tips
13. Web programming design patterns
14. Introduction to NisWeb system
15. NisWeb system configuration
16. Assignment

Evaluation Criteria⟩ Assignments count 100%.

Textbook⟩ To be introduced in the class.

Reference⟩ To be introduced in the class.

Contents⟩ http://cms.db.tokushima-u.ac.jp/cgi-bin/toURL?EID=216559

Student⟩ Able to be taken by only specified class(es)

Contact⟩
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