Course Syllabus

1. **Program of Study**   Bachelor of Business Administration Program
   Faculty/Institute/College   Mahidol University International College

2. **Course Code**   ICIS 388
   Course Title   Internet Programming

3. **Number of Credits**   4 **(Lecture/Lab)**   (3-2-7)

4. **Prerequisite(s)**   ICIS 210
5. **Type of Course**   Required Course

6. **Trimester / Academic Year**   Second, Third Trimester/2007-2008

7. **Course Conditions**   20-40 students

8. **Course Description**
   An introduction to the most commonly used script and programming languages used to develop distribution system applications, writing multi-thread processes, connecting and communicating through sockets, and designing server-side and client side software, as well as CGI programming.

9. **Course Objective(s)**
   After successful completion of this course, students will be able to be able to develop client-server web applications by using HTML, Java Script, and VB Script on the client side and ASP on the server side.

10. Course Outline

Week	Course Outline				Instructor
	Topics	**Lecture**	**Lab**	**Self-Study**	
1	Introduction to Internet and WWW	3	2	7	CVS
2	Introduction to HTML/Intermediate HTML	3	2	7	CVS
3	Advanced HTML/Frontpage	3	2	7	CVS
4	Java Script Intro/Java Script Control Structures	3	2	7	CVS
5	Java Script Control Structures II and Functions	3	2	7	CVS
6	Java Script Arrays and Objects	3	2	7	CVS
7	CSS	3	2	7	CVS
8	VBScript	3	2	7	CVS
9	Object Oriented Concepts and User Interface Design with ASP	3	2	7	CVS
10	Inserting Data into a DB with ASP	3	2	7	CVS
11	Deleting, Displaying Data with ASP/Seminar on ASP	3	2	7	CVS
	Total	**33**	**22**	**77**	

11. Teaching Method(s)

Lecture and discussion with lab exercises

12. Teaching Media

Handouts
Computer software (hands on learning)

13. Measurement and Evaluation of Student Achievement

Students achievement is measured and evaluated by

13.1 The ability to develop client-server web applications by using HTML, Java Script, and VB Script on the client side and ASP on the server side.

Student's achievement will be graded according to the faculty and university standard using the symbols: A, B+, B, C+, C, D+, D, and F.

Student must have attended at least 80% of the total class hours of this course.

Ratio of mark
1. Midterm   30%
2. Final   30%
3. Homework   20%
4. Attendance and participation   20%
5. Group project and presentation   10%

14. Course Evaluation

14.1 Students' achievement as indicated in number 13 above.

14.2 Students' satisfaction towards teaching and learning of the course using questionnaires.

15. Reference(s)

Dietel and Nieto. **Internet and World Wide Web, How to Program,** ISBN 0130161438

16. Instructor(s)

Chaivatna Sumetphong

17. Course Coordinator

Program Director of Information Systems Major