

Exam Study Topics

The exam will consist of multiple choice & true/false questions. Material covered includes topics from lectures, labs, projects, reading assignments, and examples.

Server-Side Technology	Coding Techniques
Client-Side Technology	Programming practices
Advantages/Disadvantages of PHP	Indentation
CGI	Vertical Alignment
Difference between HTML & PHP	Naming conventions
Server-Side Includes	Combining PHP & SQL
Commenting code	Concatenation
Importance of programming	Syntax for executing queries
Request object	Trimming DB data
Response object	Scalability
Session object	3-Tier System
Session vs. Cookies	N-Tier
Post vs. Get	Web Farms & Load Balancing
Request.Form vs. Request.QueryString	XML & XSL
Connection to DB – when to have one	Progression from HTML to XSL
RecordSets – when to use them	Wellformedness constraints
Server Variables	Valid documents
File System Object	Advantages / Disadvantages of XML
Reading & Writing Files	XML Trees
Absolute and Relative Paths	DTD & Schemas
File uploading	Combining PHP & XML
Modes of operation (admin, user, etc)	XML DOM
Sending email	Traversing child nodes
Data, DB, DBMS	Selecting attributes and elements
SQL	PHP
Tables, Records, Fields	Ajax
Primary Key	When to use / not use Ajax
Primary Key References	AHAH
Foreign Key	XMLHttpRequest
Foreign Key References	RSS feeds & RSS management
Integrity Constraints	RSS versions & aggregators
SELECT	
INSERT, UPDATE, DELETE	
CREATE (in SQL and Design view)	
Aliasing	
Types of Relationships	
Objects	
Methods	
Properties	