

## T&N3326 Project Work II – Teaching Plan

Day	Content	Format
1	<p><b>Visual Basic 6.0</b></p> <p>Text: Programming in Visual Basic 6.0 Bradley / Millspaugh McGraw Hill</p>	Powerpoint vb6.zip
1 – 2	<p><b>Visual Basic Practice</b></p> <p><a href="http://www.ibilce.unesp.br/courseware/vb6/default.htm">http://www.ibilce.unesp.br/courseware/vb6/default.htm</a></p>	Hands-on Practice
3	<p><b>Database Design</b></p> <p>MS Access database review (if students have not learned it before) – database structure, tables, query and report. <a href="http://databases.about.com/cs/tutorials/">http://databases.about.com/cs/tutorials/</a></p> <p>Database Basics Part. 1 to 7 <a href="http://www.databasejournal.com/sqletc/archives.php">http://www.databasejournal.com/sqletc/archives.php</a></p> <p>SQL <a href="http://www.sqlcourse.com/">http://www.sqlcourse.com/</a> <a href="http://sqlcourse2.com/">http://sqlcourse2.com/</a></p> <p>Database normalization and examples <a href="http://www.devshed.com/Server_Side/MySQL/Normal/Normal1/page1.html">http://www.devshed.com/Server_Side/MySQL/Normal/Normal1/page1.html</a> <a href="http://www.databasejournal.com/sqletc/article.php/1474411">http://www.databasejournal.com/sqletc/article.php/1474411</a></p>	Use MS Access sample database Nwind.mdb  Handouts
4	<p><b>Active Server Page ASP</b></p> <p>Server-side scripting language &amp; Universal Data Access <a href="http://www.w3schools.com/asp/default.asp">http://www.w3schools.com/asp/default.asp</a></p> <p><b>Setting up Web Servers for ASP</b></p> <p>Windows 2000 Professional / Server IIS Web Server Apache Web Server with Sun ONE Active Server Page, formerly Sun ChiliSoft ASP (Free <b>Developer Licence</b> required) <a href="http://developer.chilisoft.com/downloads/default.asp">http://developer.chilisoft.com/downloads/default.asp</a> <a href="http://www.tek-tips.com/gviewthread.cfm/lev2/4/lev3/31/pid/333/qid/175058">http://www.tek-tips.com/gviewthread.cfm/lev2/4/lev3/31/pid/333/qid/175058</a></p> <p>Step by Step: Connecting to Your Database – Use of pseudo codes <a href="http://www.programmersresource.com/articles/databasetutorial.asp">http://www.programmersresource.com/articles/databasetutorial.asp</a></p> <p>Data Access with DSN Connection and DSN Connectionless methods ActiveX Data Object ADO – Connection using DSN Name, DBQ, OLEDB <a href="http://stardeveloper.com/articles/display.html?article=2002061201&amp;page=1">http://stardeveloper.com/articles/display.html?article=2002061201&amp;page=1</a></p> <p>Submit data with forms, list boxes and combo boxes in ASP <a href="http://www.webconcerns.co.uk/asp/combo/combo.asp">http://www.webconcerns.co.uk/asp/combo/combo.asp</a></p>	Powerpoint asp.ppt

5	<p><b>Developing ASP Applications</b></p> <p>Build a Simple ASP Security System for Website Access  <a href="http://www.s-cheshire.ac.uk/new_scc/spotlight/loc_link/awe/security/security.htm">http://www.s-cheshire.ac.uk/new_scc/spotlight/loc_link/awe/security/security.htm</a></p> <p>Developing Web Database Applications with ASP  <a href="http://cpcug.org/user/houser/asp/index.html">http://cpcug.org/user/houser/asp/index.html</a></p> <p>Build a FAQ with ASP and MS Access  <a href="http://www.webmasterbase.com/article/536">http://www.webmasterbase.com/article/536</a></p> <p><b>ASP - XML and Cisco IP Phone Emulators</b>  <a href="http://www.w3schools.com/xml/default.asp">http://www.w3schools.com/xml/default.asp</a></p>	Cisco IPService SDK
6 – 7	<p><b>PHP and MySQL</b></p> <p>Install Linux 8.0 via campus network:  Download the latest source codes of Apache, MySQL and PHP  Configure Apache web server, MySQL and PHP for Linux  Create database and database user accounts</p> <p>Web-based Databases with PHP (part 1 to 6) &amp; Using MySQL (part 1 to 7)  <a href="http://www.keithjbrown.co.uk/vworks/php/old/php_p1.shtml">http://www.keithjbrown.co.uk/vworks/php/old/php_p1.shtml</a>  <a href="http://www.keithjbrown.co.uk/vworks/mysql/mysql_p1.shtml">http://www.keithjbrown.co.uk/vworks/mysql/mysql_p1.shtml</a></p> <p>Introduction to PHP by Jester  <a href="http://www.free2code.net/tutorials/programming/php/4/Introduction_to_PHP.php">http://www.free2code.net/tutorials/programming/php/4/Introduction_to_PHP.php</a></p> <p>PHP / MySQL Tutorial  <a href="http://hotwired.lycos.com/webmonkey/programming/php/tutorials/tutorial4.html">http://hotwired.lycos.com/webmonkey/programming/php/tutorials/tutorial4.html</a></p> <p>Website Database Basics with PHP and MySQL  <a href="http://www.devshed.com/Server_Side/PHP/DB_Basics/page1.html">http://www.devshed.com/Server_Side/PHP/DB_Basics/page1.html</a></p> <p>Building a Database-Driven Web Site using PHP and MySQL  <a href="http://www.mysql.com/articles/ddws/">http://www.mysql.com/articles/ddws/</a></p> <p>Using PHP with Forms to be Submitted by Email  <a href="http://www.developer.com/net/net/article.php/996351">http://www.developer.com/net/net/article.php/996351</a></p> <p>PHP Interfacing with MS Access Database  <a href="http://www.phpbuilder.com/columns/siddarth20000228.php3">http://www.phpbuilder.com/columns/siddarth20000228.php3</a></p> <p>PHPEditor for Windows  <a href="http://ima.csim.hkc.edu.tw/~slhuang/902/902site/PHP/file/PHPEdSetup.exe">http://ima.csim.hkc.edu.tw/~slhuang/902/902site/PHP/file/PHPEdSetup.exe</a></p> <p>PHP Installation for Windows Servers  <a href="http://www.php.net/manual/en/install.windows.php">http://www.php.net/manual/en/install.windows.php</a></p> <p>Three-in-One for Windows Platforms  <a href="http://ima.csim.hkc.edu.tw/~slhuang/902/902site/PHP/902PHP.htm">http://ima.csim.hkc.edu.tw/~slhuang/902/902site/PHP/902PHP.htm</a></p>	Instruction

8	<p><b>Database Administration</b></p> <p>Backup MySQL database in .dump files</p> <p>Free Access to MySQL Dump  <a href="http://www.intranet2internet.com/public/default.asp?PAGE=software&amp;DETAILS=DUMP">http://www.intranet2internet.com/public/default.asp?PAGE=software&amp;DETAILS=DUMP</a></p> <p>PhpMyAdmin  <a href="http://www.phpmyadmin.net/">http://www.phpmyadmin.net/</a>  <a href="http://www.phpwizard.net/">http://www.phpwizard.net/</a></p> <p>DBTools Software's freeware DBManagerPro: Convert MS Access databases to MySQL databases  <a href="http://www.dbtools.com.br/EN/">http://www.dbtools.com.br/EN/</a></p> <p>MyODBC allows you to connect to a MySQL database server using the ODBC database API on all Microsoft Windows platforms  <a href="http://www.mysql.com/downloads/api-myodbc-3.51.html">http://www.mysql.com/downloads/api-myodbc-3.51.html</a>  <a href="http://www.mysql.com/products/myodbc/faq_toc.html">http://www.mysql.com/products/myodbc/faq_toc.html</a>  <a href="http://www.phphelp.com/tutorial/using-myodbc-to-connect-to-a-remote-database.html">http://www.phphelp.com/tutorial/using-myodbc-to-connect-to-a-remote-database.html</a></p>	
9 – 15	<p>Project Planning</p> <p>System Development Life Cycle</p> <p>Software Specifications and Quality Assurance</p> <p>Documentation</p> <p><a href="http://course.cs.ust.hk/comp211/2002Spring/Labs-Tutorials/lab-tutorial-info.html">http://course.cs.ust.hk/comp211/2002Spring/Labs-Tutorials/lab-tutorial-info.html</a></p> <p><b>Group Projects (3 per group)</b></p> <p>Design and Implement group projects for  ?? A Cisco IP Phone Services and  ?? A Web Driven Database Application System</p>	