Instructor Information

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Text Book

Required: Microsoft SQL Server 2005 Implementation and Maintenance  
Microsoft Press  

Recommended: Microsoft SQL Server 2005 Administrator’s Pocket Consultant  
Microsoft Press  
ISBN: 0-7356-2107-1

Important Times and Places

This class is conducted on-line. It is the students responsibility to monitor and perform assigned tasks on a weekly basis using Orange Coast College's On-Line tools. The instructor will monitor the class on a scheduled basis (Thursday nights) and periodically during the week.

System Requirements

This class requires you to download and install software on you local hard drive. Your computer must have:
  - At least a Pentium 3 running 600Mhz or better.
  - An internet connection (DSL is preferred).
  - A VGA color monitor, Keyboard and Mouse.
  - You also must have 6 Gigabytes of free disk space to download software and install a virtual machine.

The software you be downloading and installing:
  - VMWare Player
  - Microsoft Windows 2003 Server
  - Microsoft SQL Server 2005  
  (You will be given instructions on how to download and install this software in the first week of class.)

What this Course is About

With more and more information being stored in computer systems, the need for large data warehouses has grown exponentially over the past years. The vast amount of information must be designed and managed in such a way that access to needed information is not only available at all times, but must be accessed in the smallest amount of time possible. To meet these needs, database administrators must be trained in the proper design and proper configuration of these data warehouses.

This course covers the terminology, technology and software used to create and administer a Microsoft SQL Server database including backup and restoring data, create HTTP endpoints, create SQL Server job to perform automatic maintenance and configure database snapshots, database mirroring, transaction log shipping and database replication. This course will help prepare students for the Microsoft SQL Server - Microsoft Certified Technology Specialist: Database Administrator (MCTS) exams.
Tests:
There will be four tests given throughout the semester. The tests will be taken online using the OCC WebCT system. Each test will have various number of questions and each test will also have 5 extra credit questions. The questions will cover the material in the book and given during online video lecture (remember, if I talk about it … it is fair game). The extra credit questions may be from the book, or on-line research must be performed. These question are designed to prepare you for the Microsoft Cretification Exam.

<table>
<thead>
<tr>
<th>Test #</th>
<th>Questions</th>
<th>Extra Credit</th>
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</thead>
<tbody>
<tr>
<td>Test #1</td>
<td>56</td>
<td>5</td>
</tr>
<tr>
<td>Test #2</td>
<td>29</td>
<td>5</td>
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<tr>
<td>Test #3</td>
<td>46</td>
<td>5</td>
</tr>
<tr>
<td>Test #4</td>
<td>29</td>
<td>5</td>
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</tbody>
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Labs / Projects:
There will be 45 labs (Projects from the book) that you will work on during the semester. These labs will reinforce the lecture material and allow you to perform the same tasks you would be required to do as a database administrator. In addition there will also be 3 additional labs that are patrially from the book and partipartion in chat rooms and discussion groups are required.

The following are the list of the labs/projects and their associated points:

1. Participation in the discussion groups 25 points
2. Participation during chat room sessions 25 points
3. Lab Assignments 37 @ 1 point each 37 points
4. SQL Server Installation 20 points

Total Points:
Tests (4 @ Various points) 160 Points
Labs / Projects 107 Points
Total 267 Points

Grading:
A 90% - 100% 241 Points
B 80% - 89% 214 Points
C 70% - 79% 187 Points
D 60% - 69% 161 Points
F 0% - 59% 0 Points

At my discretion, grades will be "curved". However, no student will receive a grade less than that prescribed by the above table.

Taking the Microsoft test “70-431” will change the results of all 4 tests to 100%. The lab assignments, chat, and discussion groups must still be completed to determine your final grade. Anyone taking the Microsoft test must send me a copy (not the original) of their test result by the first week on the next semester for me to submit a grade change.
Deadlines:
Pay close attention to the schedule as to when tests and labs will be available. The tests and labs must be completed by the dates indicated. Also the date of the final exam is fixed by the college calendar. If you know you’ll miss the last night of class, please make arrangements beforehand so that we can schedule an earlier time.

Attendance and Withdrawal
Participation is an important part of this course, and missing lectures or labs can impact your grade. If you miss three class sessions, you may be dropped without notice. Don't assume, though, that you will be automatically dropped if you fail to complete the material. It is your responsibility to withdraw from any class. If you stop attending, yet fail to withdraw, you will receive a grade of “F”. Please pay special attention to the OCC drop deadlines. Every semester there are students who want to drop the class after the deadline to drop has already passed. Those students end up getting an “F” in the class if they are unable to complete the coursework.

Academic Honesty
Computers, networking, communications and operations by its nature rely on learning from the work of others. You are encouraged to examine each other's designs and to discuss various approaches and styles. Each student, however, is still expected to do his or her own work. In this regard, discussing the general method used to solve a problem is certainly acceptable. Taking another student's work and modifying it is not acceptable, and is easily detected. You are expected to maintain a high level of academic honesty. Work submitted without proper attribution will result in a lowered grade. Cheating on quizzes or exams will result in course failure.

Disruptive Behavior
You are entitled to an environment that encourages learning, as are all your fellow students. You should not behave in a manner that negatively impacts other class members. In a classroom, such behavior includes hostile behavior, as well as interrupting other students and attempting to inappropriately dominate the classroom. In an online class, disruptive behavior includes "flaming" or harassing email. I expect all of you to be polite, respectful, and helpful to your fellow students; in short, I expect you to act like adults should act. If, in my judgment, your behavior negatively impacts the rest of the class, you may be subject to disciplinary action.

Disabilities
If you have a disability that may impede your ability to successfully complete this course, you should contact the Disabled Student's Center (432-5807 or 432-5604 TDD) not later than the first week of the course. Their staff will assist you in arranging accommodations that can help you meet course requirements.

Reservation of Rights
I reserve the right to change this syllabus and the schedule as necessary, including, without limitation, these policies, without prior notice.