**ISAT 340—Software Development—Fall 2009—Course Schedule**

| Week | Monday | Wednesday | Friday |
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| 1 | 8/24 | 8/26 | 8/28 |
| Topics: Course Intro, Intro to Database Basics Assign Lab #1—MS Access Walkthrough | Lab #1 Due: 9AM  Topics: Grade Lab #1, Database Analysis | Topics: Database Analysis  Assign Lab #2—Database Analysis |
| 2 | 8/31 | 9/2 | 9/4 |
| Lab Day | Lab #2 Due: 9AM  Topics: Grade Lab #2, Database Design | Topics: Database Design  Assign Lab #3—Database Design |
| 3 | 9/7 | 9/9 | 9/11 |
| Lab Day | Lab #3 Due: 9AM  Topics: Grade Lab #3, Database Implementation | Topics: Database Implementation  Assign Lab #4—Database Implementation |
| 4 | 9/14 | 9/16 | 9/18 |
| Lab Day | Lab #4 Due: 9AM  Topics: Grade Lab #4, SQL | Topics: SQL  Assign Lab #5—SQL |
| 5 | 9/21 | 9/23 | 9/25 |
| Lab Day | Lab #5 Due: 9AM  Topics: Grade Lab #5, Database Integration | Topics: Database Integration  Assign Lab #6—Database Integration |
| 6 | 9/28 | 9/30 | 10/2 |
| Lab Day | Lab #6 Due: 9AM  Topics: Grade Lab #6, Intro to ASP.Net  Assign Project #1, Mid-term Exam #1 | Topics: Intro to ASP.Net  Assign Lab #7—Intro to ASP.Net |
| 7 | 10/5 | 10/7 | 10/9 |
| Lab Day | Lab #7 Due: 9AM  Topics: Grade Lab #7, XHTML | Topics: XHTML  Assign Lab #8—XHTML |
| 8 | 10/12 | 10/14 | 10/16 |
| Lab Day | Lab #8 Due: 9AM  Topics: Grade Lab #8, Form Handling | Topics: Form Handling  Assign Lab #9—Form Handling |
| 9 | 10/19 | 10/21 | 10/23 |
| Lab Day | Lab #9 Due: 9AM  Topics: Grade Lab #9, Databases in ASP.Net | Topics: Databases in ASP.Net  Assign Lab #10—Databases in ASP.Net |
| 10 | 10/26 | 10/28 | 10/30 |
| Lab Day | Lab #10 Due: 9AM  Project #1 Due  Topics: Grade Lab #10, Advanced ASP.Net  Assign Project #2, Mid-term Exam #2 | Topics: Advanced ASP.Net  Assign Lab #11—Advanced ASP.Net |
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| 11 | 11/2 | 11/4 | 11/6 |
| Lab Day | Lab #11 Due: 9AM  Topics: Grade Lab #11, Web Services | Topics: Web Services  Assign Lab #12—Web Services |
| 12 | 11/9 | 11/11 | 11/13 |
| Lab Day | Lab #12 Due: 9AM  Topics: Grade Lab #12, LINQ? | Topics: LINQ?  Assign Lab #13—LINQ? |
| 13 | 11/16 | 11/18 | 11/20 |
| Lab Day | Lab #13 Due: 9AM  Topics: Grade Lab #13, Mobile Apps? | Topics: Mobile Apps?  Assign Lab #14—Mobile Apps? |
| TB | 11/23 | 11/25 | 11.27 |
| THANKSGIVING BREAK | | |
| 14 | 11/30 | 12/2 | 12/4 |
| Lab Day | Lab #14 Due: 9AM  Topics: Grade Lab #14  Project #2 Due | Course Wrap-Up |
| 15 | 12/7 |  |  |
| Final Exam/Presentations |  |  |

Notes:

1. The grade for the semester can be based on 14 labs, 2 projects, and optionally 2-3 exams.
2. If desired, weeks 6 and 10 are likely places for midterms, on databases, and one on ASP.Net
3. Lecture is pretty much restricted to one day a week. This is not enough time to cover all the concepts in class, so students will be expected to figure out what they need outside. This can be through online tutorials, reading the text, the hacking session, etc. An explicit goal of this methodology is to make the students self-sufficient learners.
4. Topics in weeks 11-14 are suggestions. “Advanced ASP.Net” could be things like login/authentication, Master pages, AJAX, or some such. If possible, it would be desirable to let the students choose, and perhaps even take the lead on presenting the material and making up the lab.
5. Labs will be very short and focus on specific skills.