**ISAT 252 Spring 2009 Semester Schedule**

| Week # | | Class Day | | |
| --- | --- | --- | --- | --- |
| Monday | Wednesday | Friday |
| 1 | Course Intro  Computer Hardware  Bits, Bytes & Boolean | 1/12 | 1/14 | 1/16 |
| Course Intro  Lab #1: Hello World Console | Intro to Problem Solving with Computers  Read: Intro Chapter (PDF) | Intro to Problem Solving with Computers |
| 2 | 1/19 | 1/21 | 1/23 |
| MLK Jr. Day—No Class | Computer Hardware | Bits, Bytes & Boolean |
| 3 | Object Oriented Programming | 1/26 | 1/28 | 1/30 |
| Lab #2: MMLogic Adder | Problem Solving with Algorithms  Read: Schneider Chapter 2 | Algorithms  Lab #3: Flowcharts, Hierarchy Charts, and Pseudocode |
| 4 | 2/2 | 2/4 | 2/6 |
| Intro to VB, Controls, and Event-driven Programming  Read: Schneider Chapter 3, p41-73 | Controls and Events  Lab #4: Controls and Events | Variables and Calculations  Read: Schneider Chapter 3, p73-88 |
| 5 | 2/9 | 2/11 | 2/13 |
| Lab #5: Variables and Calculations  Bottling Problem #1  Cutoff for Exam #1 | Strings and I/O  Read: Schneider Chapter 3, p88-127 | Lab #6: Sequential File I/O  Water Quality #1 |
| 6 | 2/16 | 2/18 | 2/20 |
| Lab #6 Continued | Decisions  Read: Schneider Chapter 5  EXAM #1: 6:00PM, Location TBD | Lab #7: Quadratic Equation |
| 7 | 2/23 | 2/25 | 2/27 |
| Lab #7 Continued | Exception Handling and Debugging  Read: Schneider Chapter 8, p418-20 | Lab #8: Exception Handling  Bottling Problem #2 |
| 8 | 3/2 | 3/5 | 3/7 |
| Loops and Arrays  Read: Schneider Chapters 6&7  (need to decide) | Lab #9: Loops and Arrays  (with file I/O?) | Lab #9 Continued |
| SPRING BREAK | 3/9 | 3/11 | 3/13 |
| Spring Break | | |
| 9 | 3/16 | 3/18 | 3/20 |
| Subs and Functions  Read: Schneider Chapter 4 | Subs and Functions | Lab #10: Subs and Functions  Water Quality #2 |
| 10 | 3/23 | 3/25 | 3/27 |
| Lab #10 Continued | Classes  Read: Schneider Chapter 11, p552-58  Cutoff for Exam #2 | Lab #11: Simple Class  (TBD) |
| 11 | 3/30 | 4/1 | 4/3 |
| Project work?  EXAM #2: 6:00PM, Location TBD | | |
| 12 | 4/6 | 4/8 | 4/10 |
| Slack? | | |
| 13 | Knowledge-Based Systems | 4/13 | 4/15 | 4/17 |
|  |  |  |
| 14 | 4/20 | 4/22 | 4/24 |
|  |  |  |
| 15 | 4/27 | 4/29 | 5/1 |
|  |  |  |
| 16 | Final Exams | 5/4 | 5/6 | 5/8 |
| Section 3—8:00-10:00  Section 5—10:30-12:30  Section 4—3:30-5:30 | Section 1—10:30-12:30  EXAM #3: 6:00PM, Location TBD | Section 2—8:00-10:00 |