Course Syllabus

Course Title: COMPUTERS & APPLICATIONS

Instructor: Weiling Li: Room 1454 , wli16@student.gsu.edu

Assignments/Projects  Email: csc1010spring@gmail.com

Class Time and Place: TR 02:30 pm-03:45 pm, Spring 2010. Aderhold Learning Center 225.

Content: Computers and Applications. Prerequisite: high school Algebra II. History of computers, hardware components, operating systems, application software, data communication.

Textbooks:

1. Gary B. Shelly and Misty E. Vermaat, Discovering Computers 2010

Topics that will be covered:

- History Of Computers
  
  Chapter 1 : Introduction to Computers
  Basic computer concepts, Advantages and Disadvantages.

  Chapter 2 : The Internet and the World Wide Web
  History and structure of the internet, browsing, searching, Web publishing, e-commerce, VoIP, FTP etc.

  Chapter 3 : Application Software
  Overview of variety of business software, graphics and multimedia software, home/ personal / educational software.

  Chapter 4 : The Components of the System Unit
  Various components of system unit, motherboard, processor, ports and connectors, buses, etc. How memory stores data, instructions etc. Compares various processors.

  Chapter 5 : Input
  Input devices like mouse, touch screen, voice input, web cams etc.

  Chapter 6 : Output
  Display devices, Printers, Speakers, Headphones, earbuds etc.

  Chapter 7 : Storage
Hard disks, Flash memory, Optical Discs, Tape, etc.

Chapter 8 : Operating Systems and Utility Programs
Operating system functions, types of operating systems : Stand-alone OS, server OS, Embedded OS, Utility programs etc.

Chapter 9 : Communications and Networks
Overview of communication terminology and applications, join computers into networks to share resources, communication devices.

*Basic concepts of HTML*

Chapter 10 : Database Management

Chapter 11 : Computer Security and Safety, Ethics, and Privacy

Chapter 12 : Information System Development

**Grading Policy:**

The grading for this course will be made up of the following components:

<table>
<thead>
<tr>
<th>Tests Date</th>
<th>Weights</th>
<th>Assignments Due Date</th>
<th>Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test #1</td>
<td>20%</td>
<td>Asg #1</td>
<td>05%</td>
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<tr>
<td>Test #2</td>
<td>20%</td>
<td>Asg #2</td>
<td>05%</td>
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<tr>
<td>Test #3</td>
<td>20%</td>
<td>Asg #3</td>
<td>05%</td>
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<tr>
<td>Final</td>
<td>20%</td>
<td>project</td>
<td>05%</td>
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<tr>
<td><strong>Total Weight =</strong> 80%</td>
<td>Total Weight = 20%</td>
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**Grading:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100</td>
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<tr>
<td>B</td>
<td>80-89</td>
</tr>
<tr>
<td>C</td>
<td>70-79</td>
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<td>D</td>
<td>60-69</td>
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<tr>
<td>F</td>
<td>59 and below</td>
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</tbody>
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**PLEASE NOTE:**

1. Please refer to the official GSU Calendar for last day to withdraw without receiving an
2. While in class attendance will not directly affect the grade, any handouts missed will be the sole responsibility of the student. Spot attendance checks will be performed. Students found missing classes without the instructor's permission will be automatically withdrawn from the course.

3. All tests and assignments will be done on an individual basis. Anyone found cheating and/or copying, in the instructor’s opinion; will receive an automatic F for the course.

4. All the assignments/projects are due in the beginning of the class on the due date. An assignment that is turned in after the class on the due date is considered to be late. An assignment will be penalized 10 points for being late.

5. Any queries about the grades should be brought to the attention of the instructor within a week after the graded students’ works have been returned to the class.

6. Any scaling is done solely at the discretion of the instructor.

7. If a class is not held on a test, exam or assignment due day, the test, exam or assignment will take place on the next class session.

8. There will be no make up test. A missed test or exam will result in 0 points. Contact me in advance in case of a disaster such as illness. An original letter addressed to me on a letterhead paper from a physician or hospital stating that you could not take the test or exam as scheduled is necessary for me to consider your case.

9. All cell phone MUST be in the off position at the beginning of each class.

10. This syllabus represents a general plan for the course and deviations from this plan may be necessary during the duration of the course.

**Absence from class:**

Students are responsible for all materials covered in class and assigned. Should a student be absent from class, it is his/her responsibility to get the notes, etc. for that missed class. More important, should there be assignments, it is the student responsibility to obtain such assignments. No excuse will be accepted for assignments not turned in because the student was absent when such assignment was given.

**Plagiarism:**

All work submitted for grading must be the student's own work. Plagiarism will result in a score of 0 for the work or dismissal from the course and the Dean of Students office will be notified. No copying from another student's work, of any class, is allowed. It is the students' duty to allow no one to copy his or her work. If it is found that one student copy from another, both papers will be given 0 regardless of who copied from whom.