CSC 110-41 Syllabus: Fundamentals of Computer Science – Post Summer 2016 (Page 1 of 2)

Instructor
Prof. Steven Battilana, Office: UNA 146, Phone: 610-430-4198 (or leave a message in my mailbox, UNA 150). Email: sbattilana@wcupa.edu – this is the BEST way to communicate (use your WCU email account only).

Office Hours
MoTuWeTh 8:05-8:50 am, room UNA 146.

Website(s)
D2L (Desire2Learn) and http://courses.wcupa.edu/battilana/

IMPORTANT
Missing an exam/test - On or before exam date: Make-up exams are given for the following cases only:
A. SICKNESS: (Email your professor AND call 610-436-2204 on or before the exam day and ask that a note be placed in professor’s mailbox explaining the absence and bring written medical verification when you return).
B. EXCUSED ABSENCES POLICY FOR UNIVERSITY-SANCTIONED EVENTS: Students are advised to carefully read and comply with the excused absences policy for university-sanctioned events contained in the WCU Undergraduate Catalog. In particular, please note that the “responsibility for meeting academic requirements rests with the student,” that this policy does not excuse students from completing required academic work, and that professors can require a “fair alternative” to attendance on those days that students must be absent from class in order to participate in a University-Sanctioned Event. Note this policy states in part, “Students must submit original documentation on University letterhead signed by the activity director, coach, or adviser detailing the specifics of the event in advance.”
C. EMERGENCY SITUATION ON THE DAY OF EXAM: (Email your professors AND call 436-2204 on or before the exam day or as soon as possible and ask that a note be placed in my mailbox explaining the absence).

* Make-ups with prior arrangements through instructor may also be arranged.

REQUIRED
E-textbooks
1. Using Information Technology Complete Edition 11e, ISBN 9781259205125 (9780073516882 online): Williams & Sawyer (McGraw Hill). See this course in D2L for instructions to buy and register this REQUIRED E-textbook and course materials access at WCU bookstore or from publisher online (individual license that can’t be shared).
2. VBSystemApp (VBSA) Guide, Fabrey is online at no cost (link to be provided).

External Links
Downloads (zip file) for the VBSystemApp (VBSA) Guide files (including demo and lab programs) will be available via D2L. Other materials may be offered by your instructors.

Course Content

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<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Course Material</th>
<th>TENTATIVE (Subject to change per instructor)</th>
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<tbody>
<tr>
<td>1</td>
<td>Mo 8/1</td>
<td>Course Intro; VBSA intro; L1P1; Set-up e-textbook; [MH LS1 due before 8/2 class starts]</td>
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<td></td>
<td>Tu 8/2</td>
<td>MH Ch1; L1P2; L1P3; [L1 Credit form &amp; MH LS2 due before 8/3 class starts]</td>
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<td></td>
<td>We 8/3</td>
<td>MH Ch2: L1 Credit due 11:59 PM tonight [4%]; [MH LS3 due before 8/3 class starts]</td>
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<td></td>
<td>Th 8/4</td>
<td>MH Ch3; L2P1; L2P2; [MH LS4 due before 8/8 class starts]</td>
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<td>2</td>
<td>Mo 8/8</td>
<td>MH Ch4; L2P3; MH Quiz 1 Ch 1; 2, 3; [15%]; [MH LS5 due before 8/9 class starts]</td>
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<td></td>
<td>Tu 8/9</td>
<td>MH Ch5; L2 Credit due 11:59 PM tonight [4%]; [MH LS6 due before 8/10 class starts]</td>
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<td></td>
<td>We 8/10</td>
<td>MH Ch6; L3P1-P2, start L3P3; [MH LS7 due before 8/11 class starts]</td>
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<td>Th 8/11</td>
<td>MH Ch7; L3P3 finish, MH Quiz 2 Ch 4, 5, 6; [15%] [MH LS8 due before 8/15 class starts]</td>
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<td>3</td>
<td>Mo 8/15</td>
<td>MH Ch8; VBSA Quiz previews; L3 Credit due 11:59 PM tonight [4%]; [MH LS9 due before 8/16 class starts]</td>
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<td></td>
<td>Tu 8/16</td>
<td>MH Ch9; VB Pre-Quiz Lab [3%]; [MH LS10 due before 8/17 class starts]</td>
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<td></td>
<td>We 8/17</td>
<td>MH Ch10; VBSA Quiz [20%];</td>
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<td>Th 8/18</td>
<td>VB “Redux”; MH Quiz 3 Ch 7, 8, 9, 10; [15%]</td>
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<td>Fr 8/19</td>
<td>Final Exam Date</td>
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Grading and Attendance & Participation
GRADE: 50% Lecture/E-book Quizzes (15% x 2 + 20% for top Quiz); 20% VB Quiz; 12% VB Labs (4% x 3); 3% VB Prep Quiz; 15% MH LS (avg. top 8 of 10 scores; do all for bonus). No credit for unexcused late assignments.
ATTENDANCE & PARTICIPATION: Learning coding requires building upon previous material, so students that rarely miss class have a higher rate of success. Unexcused late arrivals / leaving early (15 minutes) are an unexcused absence. Notify your professors of ANY absence to see if they can be excused. Each unexcused absence > 1 reduces your course grade by 2 points; non-participation, including not completing non-credit homework, engaging in non-class activities, texting, conversing during lectures, sleeping, etc., reduces your course grade by 2 points each.

IMPORTANT: WCU requires both students and professors keep their final exam dates open (Fr 8/19)

Classroom Environment & Grading
Classes are a relaxed, but serious work environment. Cell phones / texting, iPods, etc. in class, disruptive classroom behavior, inappropriate conversations, leaving/entering class without permission, unexplained and or repeated lateness, equipment / furniture abuse, and other items that may be noted as unacceptable by your instructor will be deductions from your grade.

Description/Overview
Introduction to the fundamentals of computing. Topics include surveys of the following sub-areas of computer science: artificial intelligence, hardware/operating systems, programming languages/software, ethics/social issues, history, electronic communications, problem solving, and programming. The course includes laboratory projects in Visual Basic.

Storing Projects
You MUST have a NEW (or very recent) WINDOWS-DEDICATED flash drive and bring it to every class – NO sharing or previous student’s flash drives. You will use WCU Windows PCs in class and for programming – no Apple computers.

Save your work (files) in multiple locations! Loss/failure of a flash drive cannot be a reason for assignment extensions.

Do the planet a favor; use your syllabus online (and it’s always up to date) . . . or if you must, at least use two-sided printing.
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Additional Notes

- **Cell phones are for emergency preparedness use only** (silent settings during classes) – no texting or calls.
- Recording (e.g., audio, video, etc.) of any kind during class are not permitted without written permission.
- No head phones / ear buds may be used during class.
- The use of student personal (or other) computers is prohibited during class.
- CSC department policy prohibits students from bringing food or drinks in to our class room.
- Notes, practice problems and other course information will be maintained on the course website from which you can download software and sample code and obtain access to other reference materials.

Gen Ed Goals

**Goal 2: Ability to employ quantitative concepts and mathematical methods** – Indicators:
- Evaluation of students’ use of appropriate data types, mathematical formulas, and logical expressions in their programming assignments.
- Determination of the correctness of the computer programs students write in the Visual Basic language to solve problems stated in written form.

**Goal 3: Ability to think critically and analytically** – Indicators:
- Evaluation of students’ development of clear and logically correct algorithms to solve problems stated in written form.
- Evaluate the implementation of these solutions in the Visual Basic language.

**Goal 6: Ability to make informed decisions and ethical choices** – Indicators:
- Evaluation of students’ performance in the concepts component of the course, which is 65% concepts and 35% programming appreciation. This component covers a wide variety of hardware, software, and ethical choices relating to computers in society.

Academic Honesty Policy

It is the responsibility of each student to adhere to the university’s standards for academic integrity. Violations of academic honesty include any act that violates the rights of another student in academic work, that involves misrepresentation of your own work, or that disrupts the instruction of the course. Other violations include (but are not limited to): cheating on assignments or examinations; plagiarizing, which means copying any part of another’s work and/or using ideas of another and presenting them as one’s own without giving proper credit to the source; selling, purchasing, or exchanging of term papers; falsifying of information; and using your own work from one class to fulfill the assignment for another class without significant modification. Proof of academic misconduct can result in the automatic failure and removal from this course. For questions regarding Academic Integrity, the No-Grade Policy, Sexual Harassment, or the Student Code of Conduct, students are encouraged to refer to the [Computer Science Department Academic Dishonesty Policy](http://www.wcupa.edu/ussss/ossd/), the [Undergraduate Catalog](http://www.wcupa.edu/), the [Ram’s Eye View](http://www.wcupa.edu/), and the University website at [www.wcupa.edu](http://www.wcupa.edu).

Americans with Disabilities Act

If you have a disability that requires accommodations under the Americans with Disabilities Act (ADA), please present your letter of accommodations and meet with me as soon as possible so that I can support your success in an informed manner.

Accommodations cannot be granted retroactively. If you would like to know more about West Chester University’s Services for Students with Disabilities (OSSD), please visit them at 223 Lawrence Center. The OSSD hours of Operation are Monday – Friday, 8:30 a.m. – 4:30 p.m. Their phone number is 610-436-2564, their fax number is 610-436-2600, their email address is ossd@wcupa.edu, and their website is at [http://www.wcupa.edu/ussss/ossd/](http://www.wcupa.edu/ussss/ossd/).

Electronic Mail (Email) Policy

Official university communications, including those from your instructor, will be sent through your university e-mail account. You are responsible for accessing that mail to be sure to obtain official University communications. Failure to access will not exempt individuals from the responsibilities associated with this course.

Reporting Incidents of Sexual Violence

West Chester University and its faculty are committed to assuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with Title IX of the Education Amendments of 1972 and guidance from the Office for Civil Rights, the University requires faculty members to report incidents of sexual violence shared by students to the University’s Title IX Coordinator, Ms. Lynn Klingensmith. The only exceptions to the faculty member’s reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project. Faculty members are obligated to report sexual violence or any other abuse of a student who was, or is, a child (a person under 18 years of age) when the abuse allegedly occurred to the person designated in the University protection of minors policy. Information regarding the reporting of sexual violence and the resources that are available to victims of sexual violence is set forth at the webpage for the Office of Social Equity at [http://www.wcupa.edu/_admin/social.equity/](http://www.wcupa.edu/_admin/social.equity/).

Storm Closings


Also check the WCU main page for any announcements.

Emergency Preparedness

All students are encouraged to sign up for the University’s free [WCU ALERT service](http://www.wcupa.edu/wcualert), which delivers official WCU emergency text messages directly to your cell phone. For more information, visit [www.wcupa.edu/wcualert](http://www.wcupa.edu/wcualert). To report an emergency, call the Department of Public Safety at 610-436-3311.

Abbreviations

- **HW** = Homework (due BEFORE next class starts)
- **LS** = LearnSmart by McGraw Hill (due BEFORE next class starts)
- **MH** = McGraw Hill (E-Textbook)
- **AND** = Anderson Hall
- **UNA** = 25 University Ave.
- **VB(SA)** = Visual Basic

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