Introduction to CS2:	
Data Structures and Algorithms	
Spring Semester 2017 CS2: Data Structures and Algorithms	
Course Structure	
☐ The course is run from the course website http://www.cs.colostate.edu/~cs165	
☐ Let's go look at it:	
Personnel (Instructors, TAs)Syllabus / Policies	
- Programs / Resources - Checkin / Canvas	
Most of all: Schedule, your weekly activities Spring Semester 2017 CS2: Data Structures and Algorithms	
Curriculum	
Review of CS1: recursion, objectsSupplemental: Program Verification	
 C11: Inheritance and Polymorphism C20: List, Stacks, Queues, Priority Queues 	
C23: Advanced Sorting: Merge, Quick, Heap Supplemental: Grammars, Expressions, Parsing Secret Trans.	
 C25: Binary Search Trees C26: Balanced Search Trees C24: Implementing Data Structures 	
C27: Hashing C28: Graphs	
 C29: Weighted Graphs Misc: Problem Solving, Testing, Debugging, Graphics 	
Spring Semester 2017 CS2: Data Structures and Algorithms	

Eclipse Tool be or make yourself familiar



Resources: Java Textbook Introduction to Java Programming – Daniel Liang, 10th Edition, Revel License (license from last semester still should be current!)



Grading Criteria

- Your grade will be based on:
 - In-Class Exams: 50%
 - 1st midterm: 15%
 - 2nd midterm: 15%
 - Final exam : 20%
 - Programming Assignments: 20%
 - Programming Quizzes: 10%
 - Labs: 10%
 - Quizzes (in class, Canvas): 10%



Recitation Grading

- ☐ 4 points possible for every lab assignment
 - 1 point for participation
 - 3 points for completion in recitation
- ☐ If you do not complete the lab assignment in recitation
 - 2 points for showing completed lab assignment, in the next recitation

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Grading Policy

- If you think you have been graded unfairly, visit the cs165 help desk.
- If you cannot resolve the problem, post on the Piazza section privately to instructors
- All grades and exams are returned within one week of the due date (usually even faster).
- Complaints about grades must be made within. two weeks of when the grade is released.

Communications

- Talk with your teaching assistant before or after labs, at help desk, or during Linux lab hours.
- Talk with your instructor before or after lectures or during office hours.
- Email your instructor directly only if privacy is needed (health issue, staff complaint, etc.)
- Do not attach comments to Canvas, use the Piazza bulletin board instead.
 - Piazza is in Canvas modules.
 - Topics for assignments, grading concerns, ...

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Late Policy

- Every assignment lists a due date
 - Almost always on Wednesdays at 6pm
 - · Full credit requires meeting this deadline
- Every assignment lists a late date
 - The day following the due date at 6 pm
 - Late submissions have 20% penalty · After this deadline, no credit is given
- Exceptions only for emergencies
 - Medical emergencies, family emergencies, with documentation
 - If an emergency happens, email your instructor right away
- Do not miss in-class quizzes!
 - Need documentation for excused absence, as defined in syllabus

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Cheating

- □ What is cheating? What is not?
 - □ Where would you find a definition?
- □ What is gained / lost when cheating?
- □ What are the consequences?
- □ When / how does it happen?
 - ☐ How can cheating be avoided?



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- □ What is cheating? What is not?
 - □ Where would you find a definition? Syllabus
- ☐ What is gained / lost when cheating? You avoid work, but it will get harder and harder to get by without, then you get caught
- □ What are the consequences? You are not learning! Loss of points (negative points), record in University files
- □ When / how does it happen? When you do not do the work (come to class, lab), wait until the last moment to start on the assignment
 - How can cheating be avoided? Time management.

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Academic Integrity

- All assignments, labs, quizzes, exams are solo
 - Unless otherwise specified
 - Tests (quizzes, exams): no notes, books, internet, other people
 - You may get help from course instructors and TAs
 - You may discuss concepts with other students, but:
 - Never share code with another student
 - Never copy code from another student
 - Never let anyone else type in code for you
- Know the department academic honesty code!

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Linux Lab Expectations

- Use the Linux Lab COMSC 120
 - Not the Windows Lab COMSC 110
 - No uncovered drinks and no food
- Help desk available, see syllabus for hours
- Treat the lab as a professional workplace
 - No disparaging comments
 - No loud/rude/distracting behavior
 - Professional comportment at all time
 - No sexual harassment of any sort, ever!



Expectations

- Program copying will be monitored and students that plagiarize will be prosecuted – resulting in a negative score!
- Late submissions will not be accepted without documentation of illness, injury, or emergency.
- Help desk will show you how to debug and test your programs, they will not give you code!
- Peer instruction quizzes will be given almost every day, and lab scores will primarily be based on attendance.

Spring Semester 201	
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