CSC 216 – Programming Concepts - Java  
Section 001  
Fall 2018  
4 Credit Hours  

Course Description  
The second course in computing, intended for majors. Emphasis is placed on software system design and testing; encapsulation; polymorphism; composition; inheritance; linear data structures; specification and implementation of finite-state machines; interpretation of inductive definitions (functions and data types); and resource management.

Learning Outcomes  
Upon successful completion of this course, a student will be able to...

1. Describe the utility of inheritance, abstract classes, interfaces, and polymorphism in object-oriented system design, implement, and test programs which use these language features;  
2. Identify the phases of a simple model of the software life cycle, and employ these phases in developing software;  
3. Describe basic design modeling techniques, including UML class diagrams and simple design patterns (e.g. model/view/controller), and indicate how and when to use them;  
4. Identify and compare the basic kinds of software testing, describe when to use each method, and design and implement test code;  
5. Navigate and extract information from the Java API, and employ the Javadoc tool to construct internal documentation of source code;  
6. Use software engineering best practices like pair programming, test-driven development, code coverage, static analysis, version control, continuous integration, and documentation with supporting tooling to design, implement, and test object-oriented systems.  
7. Design, implement, and test a finite state machine;  
8. Identify when recursion is useful, and design, implement, and test recursive algorithms and simple recursive data structures;  
9. Implement, test, and use a stack, queue, array-based list, and linked list.

Course Structure  

Lecture Meetings  
You will be presented with several exercises that consist of conceptual questions or short programming tasks. They are encouraged, but not required, to work on these exercises with another class member. At least one member of the pair or team will need to have a laptop computer, or other electronic device, such as a tablet, that can submit answers via a Google form. You (and your partner) will be given credit for correct or mostly correct answers. The exercises provide the opportunity to explore recently covered materials individually or with peers. The assignments are submitted so the instructor can get a feel for the class' comprehension of materials in a timely manner.
Lecture Attendance
You must submit an answer for at least one exercise per class period to be counted as attending class for that day. If you are absent from class, with an excused university absence, you will not be penalized for missing any exercises associated with the class. See the Attendance Policy section for more details about how attendance factors into your final semester grade.

Labs

Lab Meetings
You will work with a partner or small team to solve one or more design, implementation, and/or testing tasks during lab time. Work completed during labs will be pushed to an assigned GitHub repository and will be evaluated via Jenkins and your lab PTF. The lab activities will build on each other and on the Guided Projects. Completion of earlier work on Guided Projects and Labs is needed for successful completion of future labs.

Lab Attendance
Attendance to lab is required and will be recorded for each lab meeting. If you are absent from lab, with an excused university absence, you should discuss how to make up the lab with your course instructor.

Guided Projects
An important aspect of CSC216 is using software engineering best practices and the tooling that supports the practices to deliver high quality software that meets the system requirements. To introduce you to the software engineering lifecycle, best practices, and course tooling, you will complete three Guided Projects. The Guided Projects integrate pieces of guided practice with independent activities. Guided Projects are worth 10% of your final semester grade and will be averaged together. The Guided Projects and Labs will build on each other.

Programming Projects
There are 3 programming projects this semester. Each project is broken into 2 parts that will be due approximately every one to two weeks. Part 1 will be a design and black box testing phase and Part 2 will be an implementation, unit testing, and black box testing phase. All project deliverables must be submitted electronically by the due date and follow the specified formats, submission instructions, and naming conventions. Each project write up will specify the specific submission instructions for the project.

Late Project Submissions
All projects (except Design Proposals and Rationales for Part 1) will be accepted up to 48 hours late through the appropriate submission system. Part 1 Design Proposals and Rationales will only be allowed late until 9am the Saturday following the deadline. You will lose 1 point every 2 hours the project is late, up to 24 points. No submissions will be accepted after the late window without a university excused absence. No submissions will be accepted after the late window without a university excused absence. No submissions will be accepted after the late window without a university excused absence. No submissions will be accepted after the late window without a university excused absence. No submissions will be accepted after the late window without a university excused absence.

Part 1
For Part 1 of each project, you will be given a set of requirements that describe a software system. From the requirements, you will develop a design proposal and rationale document that describes a design for implementing the requirements or compares two alternative designs. Additionally, you will develop a black box test plan that will contain system/functional tests to validate that the future implementation meets the requirements.

Part 2
For Part 2 of each project, all code for the project will be submitted to NC State's GitHub to an instructor provided repository. We will be using a continuous integration program, Jenkins, to automatically compile and test you program (both with your tests and with the teaching staff tests) and provide style feedback. Your grade for Part 2 of that project will be calculated from the last GitHub submission you make before the deadline (even if Jenkins runs after the deadline for that submission) plus additional points for acceptance tests and other related rubric items. The style deductions as derived from Jenkins feedback may be modified by the teaching staff when manually inspecting your comments. For programming portions of the projects, use of the Eclipse Integrated Development Environment (IDE) is required.

Collaboration
Part 1 of all projects will be completed individually. Part 2 of Projects 1 and 2 will be developed individually or as an optional team of 2 or 3 at the instructor’s discretion. Part 2 of Project 3 will be developed in a team of 2 or 3 at the instructor’s discretion. Part 2 of Project 3 will be developed in a team of 2 or 3 at the instructor’s discretion. Part 2 of Project 3 will be developed in a team of 2 or 3 at the instructor’s discretion. Part 2 of Project 3 will be developed in a team of 2 or 3 at the instructor’s discretion.
Course Policies

CSC216 is part of a research study. To opt out of the research study, fill out the [CSC216 Student Opt Out Form](https://pages.github.ncsu.edu/engr-csc216-staff/CSC216-SE-Materials/lectures/Heckman/syllabi/F18_CSC216-001_Syllabus).

Computers and Electronic Devices

Students are encouraged to use computers and other electronic devices like tablets during class. The teaching staff asks that students respect their neighbors and keep their focus on course materials rather than games, social media, etc. Electronic devices are required for submission of exercises. If the class is utilizing computers in an inappropriate manner, the instructor reserves the right to require that electronic devices are closed or put away during instruction.

*You may not record the lecture or lab without express written permission from the instructor.*

Professionalism

Students are expected to conduct themselves in a respectful and professional manner at all times. Students are expected to act professionally both in person and electronically with all members of the teaching staff and the classmates. Communication, both written and verbal, should be respectful and should never include derogatory comments about yourself or others. All criticism (of yourself, the course, instructor, PTFs, fellow students, resources, etc.) should be constructive and provide feedback for improvement. Guidelines for electronic communication are listed in the section below.

Professionalism also includes attendance and participation. If you are unable to participate, please notify the teaching staff and your team as soon as possible. If you have a missing teammate, please notify the teaching staff as soon as possible.

Report any unprofessional behavior by a class member (including the PTFs) to the instructor.

Unprofessional electronic communication on course forums may result in suspension from the course forum for possible grade penalties. Unprofessional in-person behavior, including a lack of participation, will result in a conference with the instructor and possible grade adjustments for all involved parties.

Electronic Communication

The teaching staff looks forward to receiving emails and message board posts about any questions you have about the class, materials, exams, and assignments. Below are several rules for electronic communication.

Higher education provides you with a training ground prior to entry into the work environment for your career. You will use many of the following rules for electronic communication when you are communicating with
colleagues, your supervisor, or clients once you are in the work world. Although many of the rules of etiquette electronic communication will be similar in the work environment, we have some specific to this course.

Please observe the following etiquette when communicating with the teaching staff and your peers. The teaching staff receives many emails on a daily basis and the instructor teaches several courses. Please note that a member of the teaching staff will respond to an email or message board within 24 hours on a business day and within hours on a weekend or holiday. Most of the time, we will respond more quickly, but it is not guaranteed.

Also, before sending an email, try to find the answer to the question by using various references already available to you:

- If the question is related to class administration, check the syllabus.
- If the question is related to recent information, check previous emails or Piazza posts from the teaching staff.
- If the question is homework or exam related, check the message board to see if it has already been answered.
- Also, read your textbook.

For emails, please identify your course, section, and your name in the subject line (first and last name) along with the subject of the message. For example: “CSC216-001 Jenny Smith - Question about Project 1 Part 1”.

Email should include a salutation to identify the recipient of the email. For example, begin an email to your instructor with a salutation such as “Hi Dr. Heckman,” or “Dr. Heckman”. For emails to the sup list, consider a salutation like “Greetings Teaching Staff.” You now have the attention of the email recipients.

The tone of the email message should be professional. Re-read your email before you press Send and make a judgment as to how you would respond if you were a recipient of the email you are planning to send.

If you have a question that is beyond the scope of an email, consider coming to office hours or scheduling an appointment with a member of the teaching staff.

If you have several questions or items, please number them for ease of reading. The response will also be easier to understand.

Please spell check and correct mechanical/grammar errors. Avoid emails written only in lowercase and lacking punctuation.

Close your email with your name.

Please use Reply All when responding to an email that includes the teaching staff or the teaching staff mailing list.

If you have a general question about a homework, post your question to Piazza. If you have a question that is more specific or that involves snippets of code, email it to the sup list for your section.

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Campus: Centennial
Location: EBII 1025
This meeting is required.

Lab
Days: MTW
Time: Varies by lab section
Campus: Centennial
Location: EBII 1221
This meeting is required.

Meeting Notes
Students are required to attend one lab section associated with their lecture. Each lab is 110 minutes.

Course Materials

Textbooks
Building Java Programs - Reges and Stepp
Edition: 4th
ISBN: 9780134322766
Web Link: http://www.buildingjavaprograms.com
Cost: $148.15
This textbook is required.

Expenses
None.

Materials
None.

Requisites and Restrictions

Prerequisites
CSC116 with a C or higher

Co-requisites
None.

Restrictions
None.

General Education Program (GEP) Information

GEP Category
This course does not fulfill a General Education Program category.

GEP Co-requisites
This course does not fulfill a General Education Program co-requisite.

Transportation
This course will not require students to provide their own transportation. Non-scheduled class time for field trips or out-of-class activities is NOT required for this class.

Safety & Risk Assumptions
None.

Grading

Grade Components
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Requirements for Credit-Only (S/U) Grading
Requirements for Auditors (AU) Grade
Policies on Incomplete Grades
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- Exam 1
  - Weight
  - Details
  - Exam 1 will cover material from approximately the first third of the course.
  - Weight
  - Details
  - Exam 2 will cover material from approximately the first two-thirds of the course.
  - Weight
  - Details
  - Exam 3 will cover all materials for the course.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
<th>Details</th>
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</thead>
</table>
| Projects   | 40     | There are three projects. Each project consists of 2 parts. Part 1 is a design and black box test planning phase. Part 2 is an implementation and testing phase. Part 1 of a project is worth 20% of the project grade. Part 2 of a project is worth 80% of the project grade. Therefore, if a student receives an 87 on Part 1 of a project and a 93 on Part 2 of the project, the student’s grade for the project is: 
  \[ (87 * 0.2) + (93 * 0.8) = 17.4 + 74.4 = 91.8 \] 
  The lowest project grade is 20% of the overall project grade. The other two project grades are each worth 40% of the overall project grade. Therefore, if a student receives a 73 on Project 1, a 56 on Project 2, and a 95 on Project 3, the student’s overall project grade is: 
  \[ (73 * 0.4) + (56 * 0.2) + (95 * 0.4) = 29.2 + 11.2 + 38 = 78.4 \] 
  All Part 1s will be completed individually. For Part 2, Projects 1 and 2 will be completed individually or may have optional teams at the instructor’s discretion. Project 3 will be completed on a team. You will only be placed on a team for Part 2 of a project if you complete Part 1 for that project. |
| Labs       | 10     | There will be three Guided Projects that will introduce you to the course technologies best practices. Portions of the project will be provided through tutorial sections and portions of the project will be completed independently. The Guided Projects will be averaged and are worth 10% of your final semester grade. |
| Exam 1     | 12     | Exam 1 will cover material from approximately the first third of the course. |
| Exam 2     | 12     | Exam 2 will cover material from approximately the first two-thirds of the course. |
| Exam 3     | 16     | Exam 3 will cover all materials for the course. |

Letter Grades

This Course uses Standard NCSU Letter Grading:

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<thead>
<tr>
<th>Grade</th>
<th>Weight</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>97 ≤ A+ ≤ 100</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>93 ≤ A &lt; 97</td>
<td></td>
</tr>
<tr>
<td>A-</td>
<td>90 ≤ A- &lt; 93</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>87 ≤ B+ &lt; 90</td>
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</tr>
<tr>
<td>B</td>
<td>83 ≤ B &lt; 87</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>80 ≤ B- &lt; 83</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>77 ≤ C+ &lt; 80</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>73 ≤ C &lt; 77</td>
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<tr>
<td>C-</td>
<td>70 ≤ C- &lt; 73</td>
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<td>D+</td>
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<td>D</td>
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<tr>
<td>D-</td>
<td>60 ≤ D- &lt; 63</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>0 ≤ F &lt; 60</td>
<td></td>
</tr>
</tbody>
</table>

Requirements for Credit-Only (S/U) Grading

In order to receive a grade of S, students are required to take all exams and quizzes, complete all assignments and earn a grade of C- or better. Conversion from letter grading to credit only (S/U) grading is subject to university deadlines. Refer to the Registration and Records calendar for deadlines related to grading. For more details refer to http://policies.ncsu.edu/regulation/reg-02-20-15.

Requirements for Auditors (AU)

Information about and requirements for auditing a course can be found at http://policies.ncsu.edu/regulation/reg-02-20-04.

The grade of “AU” will be awarded to students who take all exams and earn a 60% or higher average on all of exams. Auditors are required to meet with the instructor during the first two weeks of the course.
Policies on Incomplete Grades

If an extended deadline is not authorized by the instructor or department, an unfinished incomplete grade will automatically change to an F after either (a) the end of the next regular semester in which the student is enrolled (not including summer sessions), or (b) the end of 12 months if the student is not enrolled, whichever is shorter. Incompletes that change to F will count as an attempted course on transcripts. The burden of fulfilling an incomplete grade is the responsibility of the student. The university policy on incomplete grades is located at http://policies.ncsu.edu/regulation/reg-02-50-3.

Late Assignments

There is a 48-hour late window for tutorial and programming project submissions, except for Design Proposal (see full description above). You will lose 1 point for every 2 hours the project is late, up to 24 points. No submissions will be accepted after the 48-hour late window without a university excused absence.

Labs will not be accepted late.

Exercises will not be accepted late. You will not receive credit for an exercise if the timestamp is later than 5pm the day the exercise was assigned or if the exercise is submitted after an assigned deadline.

No submissions will be accepted through email.

Attendance Policy

For complete attendance and excused absence policies, please see http://policies.ncsu.edu/regulation/reg-02-2

Absences Policy

Excused absences are defined in the NC State Academic Policy on Attendance Regulations (http://policies.ncsu.edu/regulation/reg-02-20-03). Documentation of the absence is required to excuse an absence.

Exam makeups will only be given with a documented excused absence. Project extensions will only be given with a documented excused absence. If the project solution has already been released (in the case of teaching staff designs) an alternative assignment may be assigned.

Lab makeups will only be allowed with a documented excused absence.

Exercise waivers will only be given with a documented excused absence.

All anticipated absences must be presented to the instructor no later than one week before the absence. All emergency absences must be turned in no later than one week after the student's return date. All other absences will be unexcused.

A maximum of 4 class periods per semester may be missed due to excused absences. Any number of excused absences beyond four will only be allowed with special permission of the instructor.

If you miss more than 4 lectures during the semester with an unexcused absence, a 5 point penalty will be applied to your final semester grade. Missing a lab with an unexcused absence will result in a zero for that lab, even if you complete the lab work outside of lab. Missing four labs with an unexcused absence will result in a grade of F for the course.

Makeup Work Policy

All projects and exams must be made up within one to two weeks of the absence and the timeframe will be determined through discussion between the instructor and student. If a project has moved forward in such a way that the missing project cannot be made up, the instructor may request the student to complete an alternative assignment. No exercises will be made up.

Additional Excuses Policy

None.

Academic Integrity

Students are required to comply with the university policy on academic integrity found in the Code of Student Conduct found at http://policies.ncsu.edu/policy/pol-11-35-01

All members of the University community, students, faculty and other employees, have the responsibility to report academic misconduct to the appropriate authority.
The Computer Science department uses software that detects cheating violations for programming projects. Do not use other student's code, do not share your code, do not copy or use code from someone who took the class semesters ago, do not use code from online. Start on assignments early so that you do not feel tempted to cheat.

All work that you turn in for grading must be your own! This means that all work must be an independent and individual creation by you or in the case of paired/team assignments; all work must be an independent and individual creation by you and your assigned partner or assigned teammates. Any attempt to gain an unfair advantage in grading, whether for yourself or another, is a violation of academic integrity. You may only work on an assignment with another student(s) in the class if explicitly stated in the assignment.

Why is Academic Integrity Important?

(Adapted from Matt Stallmann and Mitchell Wand)

Would you want to fly in a plane whose controller software was designed and implemented by a group of people who had never demonstrated the persistence, attention to detail, and ability to deal with negative feedback from compilers, linkers, etc., that it takes to design, implement, and debug a program on their own? Academic misconduct affects you, your peers, the CSC department, the university, all students who have ever graduated from NCSU with a CSC degree, and all users of software products to which you contribute. When you receive a degree from NCSU:

- The degree represents the university's certification that you have demonstrated certain skills and knowledge your degree program.
- Your grade in a course represents the instructor's certification that you have demonstrated certain skills and knowledge in the specific course.
- When an employer sees your degree from NCSU, they expect you to be able to demonstrate certain skills and knowledge. If a student graduates with a CSC degree and performs poorly, the value and reputation of a CSC degree from NCSU is negatively affected.

In industry, intellectual property rights are crucial in software and product development. Rules regarding intellectual property are similar to rules outlining academic integrity. Employees who "cheat" or violate copyright or other intellectual property rights can cost the employer large sums of money. In addition, even though you likely work on a team in industry, completion of the CSC degree program includes demonstrating skills to work effectively on teams. For example, students should demonstrate well-developed individual skills, integrity to their responsibility for one's own work, and the ability to recognize clear boundaries between one's own contribution and those of others.

What are the Consequences of Academic Misconduct?

Students who commit an academic integrity violation on any course deliverable will receive up to a -100 for that assignment! Violating the Academic Integrity Policy is worse than not turning in the item.

All cases of academic misconduct will be reported to the Office of Student Conduct. A first offense will place a student on Academic Probation for the remainder of their academic career. Academic Probation is not visible on a student's transcript or other educational record, but the Office of Student Conduct does supply this information to various campus agencies running checks for disciplinary standings. If the student is suspended, the Office of Student Conduct may notify many other departments on campus, such as Registration & Records, Housing, Campus Health, Counseling, and Financial Aid. In addition, administrators of some scholarships routinely ask Office of Student Conduct to confirm whether the student is in good standing.

Resources you ARE Allowed to Use

You must cite your use of the approved resources in your assignment submissions. If you do not cite your use of the approved resources, you may be committing plagiarism.

The only people that you MAY receive help from:

- your instructor,
- the PTFs for CSC216,
- for paired/team assignments, you may receive help from your assigned partner or your assigned teammate
- and
- for exercises, you may work with any of your neighbors that are physically present in class.

The only external resources that you MAY also reference:

- your textbook,
- the textbook website,
- the JAVA API HTML pages, and
- other third-party API HTML pages as appropriate for an assignment (for example, you may use the JUnit A HTML pages to help you with writing JUnit tests).

Resources you ARE NOT Allowed to Use

- External websites
- Open textbooks
- Open courseware
- Other courses
- Online discussion forums
- Other third-party API HTML pages
- Any electronic device other than a paper-based note-taking device
- Any software other than the approved resources
- Any source code other than your own

When using the approved resources, you must cite your use of the approved resources in your assignment submissions. For example:

- "I read the Java API documentation to understand..."
- "I learned from the textbook that..."
- "I used the PTFs for CSC216 to...

If you do not cite your use of the approved resources, you may be committing plagiarism.
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CSC 216 – Programming Concepts - Java

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Examples of Academic Misconduct

Note: this list is not exhaustive.

It is aiding & abetting and cheating to give any student access to any of your work which you have compiled for individual class assignments.

It is cheating and plagiarism to use another person's work and claim it as your own. You are expected to complete all assignments on your own, unless otherwise specified in the assignment.

It is cheating to interfere with another student's use of computing resources or to circumvent system security.

It is aiding & abetting and cheating to email, ftp, post on the Internet, bulletin boards, message boards, etc. your work for others to obtain. Do NOT use sites that allow you to “anonymously” post code. Those sites searchable, and others may find your code (like the teaching staff).

It is cheating to ask or pay another person or persons to complete an assignment for you.

It is cheating and plagiarism to decompile any compiled code and use the decompiled source code as your own. You may also break the law by decompiling code.

It is cheating and plagiarism to use code that you find online, including code behind the Java API webpage.

It is aiding & abetting and cheating to give another student access to your account (NC State account or other that you use for university work) or to give them your account password.

It is aiding & abetting and cheating for you and another student to work collaboratively on an assignment, unless otherwise specified by the assignment.

It is cheating to circumvent the intention of the assignment and/or the automated grading system (e.g., by hardcoding test case solutions, by copying/pasting code provided in the Java libraries to fulfill an assignment objective, to implement extra lines of code to achieve higher statement coverage, etc.).

It is aiding & abetting to allow another student to copy from your written or electronic assignment submissions (e.g., it is the student's responsibility to cover his or her exam answers to help prevent others from copying answers).

It is cheating and plagiarism to copy from another student's written assignment (e.g., exams or homeworks).

It is cheating to submit identical or similar assignment submissions from an assignment submitted in a previous course, or a previous attempt of the current course.

It is cheating to reuse your code from previous semesters if retaking the course. Start over to focus your learning this semester.

It is aiding & abetting to leave your computer unlocked and/or unattended (whether intentional or accident such that others could access your assignments).

Examples of NOT Cheating (this list is NOT exhaustive):

Using the code from the class website (with citations in the comments).

Using code from other programs YOU wrote in this course during this semester (with citations in the comments).

Using code from other programs that YOU and a partner wrote as part of assigned exercises in this course during this semester (with citations in the comments).

Help from TAs or instructor (with citations in the comments).

Using code from the textbook or textbook website (with citations in the comments).

Example Citations

/* Citing Help from another Person: (In method or class level comments)
   * I received help from Dr. Heckman on DATE during her office hours. We discussed X.
   */

/* Citing Help from other Assignments
   * The code for this method is based on Exercise Y that I completed with Z on date.
   */

/* Citing Help from the Textbooks
   * The code for this method is based on the ArrayList.add() method of the course textbook "Building .
   * Programs" by Reges and Step on page 467.
   */

Protecting Yourself

Do not leave papers lying around your workstation.

Cover your written exam responses with a cover sheet to prevent others from copying your responses.

Do not dispose of important papers in the lab recycling bins and trash cans until after the assignment is graded.

Do not give out your password.

Do not leave your workstation unattended or forget to log yourself out.

Do not leave your laptop unattended.

Do not give other students access to any of your workspace or email them any code.

Do not give other students access to your course materials or your personal computer.

Do not email, ftp, or post your code on the Internet, message boards, etc.
Keep all copies of final an intermediate work until after the assignment is graded.
Keep all graded assignments until after you receive the final semester grade for the course.
Do not discuss implementation details of the assignment with your peers.
Do not discuss the contents of a course exam with other students, especially those students who have not taken the exam yet.
Ask the instructor for clarification of any questions or concerns about academic integrity policies before submitting an assignment.

Forum Use
The forum is available to ask questions about assignments and tests. Do NOT post any code to the forum unless the post is private! The teaching staff reserves the right to edit any student's forum post for inappropriate content. Additionally, use of the forum is a privilege. Improper use for the forum may result in a ban from posting or reading.

Posting Assignment Artifacts Online
While your deliverable is your work, the assignment artifacts (homework questions, project requirements, pro design, etc.) are the intellectual property of the instructors and the university. You may not post any assignment artifacts (including assignment descriptions) or solutions to a publicly accessible website or public code repository during or after the semester.

Academic Honesty
See http://policies.ncsu.edu/policy/pol-11-35-01 for a detailed explanation of academic honesty.
None.

Honor Pledge
Your name on any test or assignment or the electronic submission of an assignment through Moodle or other class courseware system indicates, "I have neither given nor received unauthorized aid on this test or assignment:"

Electronically-Hosted Course Components
Students may be required to disclose personally identifiable information to other students in the course, via electronic tools like email or web-postings, where relevant to the course. Examples include online discussions class topics, and posting of student coursework. All students are expected to respect the privacy of each other not sharing or using such information outside the course.

Electronically-hosted Components: The following materials are electronically-hosted for use by students and teaching staff through a combination of Moodle, Wolframe, Google Docs (through NC State), GitHub, Jenkins, Piazza, Gradescope, and Typos: lecture notes, message boards, electronic submission of assignments, electronic submission of exercises, electronic evaluation of exams, and study resources and exercises.

Accommodations for Disabilities
Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, student must register with the Disability Services Office (http://www.ncsu.edu/dso 919-515-7653. For more information on NC State's policy on working with students with disabilities, please see Academic Accommodations for Students with Disabilities Regulation at http://policies.ncsu.edu/regulation/reg 20-01.

Non-Discrimination Policy
NC State University provides equality of opportunity in education and employment for all students and employees. Accordingly, NC State affirms its commitment to maintain a work environment for all employees and students that is free from all forms of discrimination. Discrimination based on race, color, religion, creed, sex, national origin, age, disability, veteran status, or sexual orientation is a violation of state and federal law and/or NC State University policy and will not be tolerated. Harassment of any person (e in the form of quid pro quo or creation of a hostile environment) based on race, color, religion, creed, sex, national origin, age, disability, veteran status, or sexual orientation is a violation of state and federal law and/or NC State University policy and will not be tolerated. Retaliation against any person who complains about discrimination is also prohibited. NC State’s policies and regulations covering discrimination, harassment, and retaliation may be accessed at http://policies.ncsu.edu/policy/pol-04-25-05 or http://www.ncsu.edu/equal_op/. If a person feels that he or she has been the subject of prohibited discrimination, harassment, or retaliation should contact the Office for Equal Opportunity (OED) at 919-515-3148.

In an effort to affirm and respect the identities of transgender students in the classroom and beyond, please contact me if you wish to be referred to using a name and/or pronouns other than what is listed in the student directory.
Course Schedule

NOTE: The course schedule is listed on Moodle is subject to change.

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