CSC 333: Automata, Grammars, and Computability

DESCRIPTION


PRE-REQUISITES

- CSC 226 or an equivalent discrete mathematics course (a grade of B or better is strongly recommended).
- CSC 316 or an equivalent data structure course (a grade of B or better is strongly recommended).
- A student taking CSC 333 must either be a CSC major or have a GPA of at least 2.75.

INSTRUCTOR

Dr. Nagiza Samatova <samatova@csc.ncsu.edu>
My office is 2272 EB 2, on Centennial Campus.
I have an open-door policy if I am on campus. Otherwise, we could schedule meetings through Piazza.
Cell: 865-566-5586
Skype: nagiza.samatova1

TEACHING ASSISTANT

Shiou Tian Hsu
The best communication medium is Piazza, but meetings can be arranged if necessary.

LECTURE TIME AND PLACE

WHEN: Friday 4:30 PM ~ 7:15 PM
WHERE: 2213 Engineering Building 3
COMMUNICATION

Please ask for help using the Piazza message board if you have trouble understanding the concepts or have questions about specific homework problems.

All communication to us should take place on Piazza (private messages are possible). We will not be monitoring our email for any course related issues, we will only monitor the Piazza. Except for personal issues or assignment clarifications, TAs will wait 24 hours before helping with questions to give students sufficient time to interact and earn participation points.

EXAMS

There will be two non-cumulative exams: the midterm exam and the final exam. Both exams will be home-take exams that are open to course materials on Moodle but nothing else. To be more specific, anything besides lecture slides/videos, assignment solutions, notes, and piazza posts is not allowed.

Midterm Exam Dates: see the Course Assignment Schedule
Final Exam Dates: see the Course Assignment Schedule

ASSIGNMENTS

Submission:

All assignments must be submitted thorough Moodle.

Assignment Schedule:

All the assignments and due dates are summarized in the Assignment Schedule file on Moodle. The file might be updated: Piazza posts will be posted in case of the updates.

Late Submission Policy:

Every assignment will have an extra of TWO (2) business days for late submission without penalty. Please, do not ask us for any extra permission to submit anything later (or give excuses for late submissions). Business days are weekdays excluding national holidays and official school breaks.

However, THREE (3) assignments may be submitted later than 2 business days without penalty under the following rules:

- Late submission for assignments due before the start of the midterm exam must be submitted before the start date of the midterm exam.
• Late submission for assignments due between the end of the midterm exam and the start of the final exam must be submitted before the start date of the final exam.

Teamwork:

All assignments must be done individually unless stated otherwise. However, you may discuss your approach to any assignment (except for the exams) with your classmates. In this case, you must provide the names of the students you discussed your approaches with. If you fail to mention your collaborators and similarity is detected there will be an automatic fail for the assignment.

GRADING

To reduce stress over grades and promote collaboration, we will adopt a grading system inspired by a number of US medical schools. The assignments and exams will be graded as a binary pass or fail (P/F). If you complete roughly 80% of the assignment or more, you will be given a pass, namely, you met the learning objectives for this topic; otherwise, a fail. Ultimately, at the end of the course we will have to submit a letter grade. This letter grade will be determined as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Ways to Achieve the Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>Fail only one assignment and pass both the midterm and final exam.</td>
</tr>
<tr>
<td>A</td>
<td>Fail only three assignment and pass both the midterm and final exam.</td>
</tr>
<tr>
<td>B+</td>
<td>Fail only four assignments and pass both the midterm and final exam.</td>
</tr>
<tr>
<td>B</td>
<td>Fail only five assignments and pass both the midterm and final exam.</td>
</tr>
<tr>
<td>F</td>
<td>Fail more than five assignments or fail either the midterm or final exam.</td>
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</tbody>
</table>

Feedbacks on Pass assignments will not be provided, and it will be your responsibility to look into the provided solution to figure out if/where you might have made any mistakes. However, if you receive a Fail, we will provide feedback as to why you did not meet the learning objectives for that assignment.

IMPORTANT: We will not entertain grade disputes until the end of the semester during the last week of classes. If you feel an assignment was graded incorrectly, please, make a note for your record and bring up the issue to the TA/grader at that time.
**STUDENTS WITH DISABILITIES**

Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, students must register with the Disability Services Office at Suite 1900, Student Health Center, Campus Box 7509, 515-7653.

**ACADEMIC INTEGRITY**

*All the policies outlined in the Code of Student Conduct (Section 8) apply. Please (scroll down) read this carefully and ask me if you have any questions.*

The essence of University policy is: **Don't do anything that will give you an unfair advantage over other students.** The Code of Student Conduct has a list of behaviors that are unacceptable.