**Fall 2015 – CS 303 Algorithms and Data Structures Lab**

**Course Session**

Wednesday from 2:30 PM – 4:20 PM in **CH 435**

**Course TAs**

Abhishek Anand

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Office: CH 154

Office Hours: Thursday 3:00 PM – 5:00 PM (other times by appointment only)

**Course Homepage**

Please login to Canvas at <http://www.uab.edu/online/canvas> for up-to-date course information. Assignments will be posted on Canvas.

**Prerequisite**

Undergraduate level CS 302 and CS 250 (with a minimum grade of C in both)

(If you have not taken these courses and for some reason have been granted permission to take CS 303, it will be your responsibility to cover those course materials as and when required in this course.)

**Objective**

In this lab, the focus would be to implement and analyze different algorithms and data structures discussed in the lecture part of the course.

**Assignments**

Pre-lab assignment: Before every lab, a pre-lab assignment will be uploaded in Canvas to be completed before you attend the lab that week. You can hand the pre-lab assignment solutions to the TAs or upload your solution to Canvas as per specific instructions given with each assignment.

In-class assignment: Each week you will be given an in-class assignment to be completed **WITHIN** the class time. Mostly it will be programs that you will have to complete within the class period.

Homework assignment: Every week you will be given a homework assignment that has to be completed and submitted **BEFORE** you attend the next week’s lab. Homework assignment will mostly compose of additional programs AND a well-written report.

The guidelines for the report and a sample report is available on Canvas.

**Grading Policy**

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| --- | --- |
| Homework Assignment | 60% |
| In-class Assignment | 30% |
| Pre-lab Assignment | 10% |

**Late Submission**

Pre-Lab assignment: Pre-lab assignments for every lab would be due at the beginning of the lab *i.e.,* 2:20 pm on Wednesday.

In-class assignment: In-class assignments for every lab would be due at the end of every lab. You have to work out the problems given in the assignment in the lab class time and upload your solution to Canvas by the end of the lab *i.e.,* before 4:20pm on Wednesday.

Homework Assignment: Homework assignments will be due at the beginning of class on the due date.

Any assignment (pre-lab, in-class or homework) turned in after this deadline is considered late and **WILL receive a score of zero**.

**Class Conduct**

1. Students are expected to conduct themselves in a professional manner.
2. Students must turn their cell phones/pagers OFF during the class.

**Class Attendance**

Attendance is mandatory for this course. If you are absent in a lab session then you will receive a score of **ZERO** in your in-class assignment and pre-lab assignment for that week. If you know you will be absent for a legitimate reason, let the instructor and/or TAs know beforehand. If you are sick bring a doctor's excuse or a written university excuse to resolve the absences. An absence has to be resolved as soon as possible – otherwise it will not be treated as an excused absence.

**Academic Honesty**

Students who plagiarize a computer program (or parts of a program), get others to write a program (or parts of a program), or are found cheating on a quiz/exam, will be reported for academic dishonesty. Anyone who is caught cheating will receive a 0 on a given exam or homework. If a second offense occurs, the student will receive an F in the class. This includes both the provider of the information as well as the receiver of the information. Any student who violates the university's academic honesty policy will be reported for academic discipline. All university and department policies related to students are included here by implication.

**Course Accommodations**

Students who require course accommodations are requested to make an appointment with the instructor during office hours. Students with disabilities must register with Disability Support Services, 1701 9th Ave. South or 934 – 4205, and provide an accommodation request letter to receive academic adjustments.

**Add/Drop Policy**

For details about add/drop policies check with Registration/Academic Records.

**E-mail**

Every student will be required to use his/her official email address that is blazerid@uab.edu. New students must login and configure their email addresses. For more details on obtaining blazerid and configuring email please see: <http://www.uab.edu/blazerid>. All email communications will be made using this address. Additional instructions or announcements will be sent by e-mail, so check your mail often – at least twice a day (once in the morning and once at night). Also check the course Canvas page for up-to-date information and announcements. Instructor will check email frequently; e-mail is often the best way to contact the instructor.