

1. WHAT'S THE COMPLETE NAME OF THE COURSE?

**CS610 : Data structures and algorithms**

2. WHO TAKES THIS COURSE?

A student who has the prerequisites CS 114 and CS 241 of the catalog i.e. has completed the bridge program, or the Department judged that student had satisfied the prerequisites or equivalently the bridge course requirements. The former course (CS 114) is related to bridge course CS 505 and confirms the student's programming skills. The latter is related to bridge course CS 506 and confirms the student's discrete math exposure.

3. HOW IMPORTANT ARE THE PREREQUISITES?

Very important! The first two weeks of the course introduce mathematical tools for analyzing the performance of algorithms. Your discrete math background must be current. If it is not, use the first week of classes to rebuild this background. Some notes that are available in the form of handouts might also help you in that. There is a Programming Project (PrP) that will test your programming skills as well.

4. COURSE WEB ACCESS? PROBLEMS? WHAT DO I DO?

The course Web-page is described in Handout 1 to follow. NJIT redirects using `https:` as prefix, so things can get messy. If the prefix `http://www.cs.njit.edu` does not work, then replace that prefix with `http://web.njit.edu`, or `http://cs.njit.edu`, otherwise there is a serious NJIT IST problem. Note all URLs above use `http`. Let NJIT figure out how to do the `https` substitution.

5. COURSE EMAIL?

You are encouraged to contact us by email if you cannot drop by during office hours. The instructor's email is the `alexg+cs610@njit.edu` address. It is imperative that you use this combination or your email may end up in a spam folder or get ignored! There is a plus between the words `alexg` and `cs610`. Do not try to improvise or filter out one or the other word. In the Subject line of your email add two words: **cs610** and `WXYZ` if the last 4 digits of your NJIT ID are `WXYZ`. Thus a `cs610 WXYZ` is then an appropriate subject line. The instructor will respond to your email. The assistant's email address will be provided in due time at the course Web-page (under Course Information) and will be similarly structured. If you receive an email from us and you want to reply to that email **DO NOT USE** your mailer's reply button or option. Send a **NEW** email.

6. PROTECTED AREA OF THE COURSE WEB-PAGE? PASSWORDS?

In order to access the protected area, section C of the web-page, you must type a login name and a password. The password and login name are case sensitive.

Login : `cs610` (alg610 also works)  
Password: (only in the hardcopy given at the first class)

7. HOW DO I USE THE AVAILABLE COURSE NOTES?

The notes in the course web-page summarize the material we cover in class. **THEY DO NOT SUBSTITUTE FOR THE TEXTBOOK. DO NOT RELY SOLELY ON THEM.** Homeworks and exams draw from the material of the textbook. The midterm and the final are open textbook; you will not be able to bring the notes. It is thus imperative that you know how to navigate around the textbook. *The symbol on the right indicates the end of this document.* ■