

---

CIS 750: FREQUENTLY ASKED QUESTIONS

---

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

**CIS 750-102 : High Performance Computing**

2. WHO TAKES THIS COURSE?

Students who have completed CIS 650. Students are expected to complete a number of programming assignments related to the construction of a high-performance parallel search engine. The high-performance portion (one of four) of the programming assignments requires knowledge of C++ or C and will use MPI-2. The rest of the assignments can be done in C++, C, Java, Perl or any other language combination, as long as that combination is available on the testing platform (a PC cluster); a student decides which language to use. One also needs to be familiar with the basics of HTML. You will search HTML documents, so you need to know what they look like. If you don't know HTML, then you can download information from the Web and learn the basics in an hour or so (or go to the protected area of the course web-page and follow some of the links there).

3. HOW IMPORTANT ARE THE PREREQUISITES?

If you don't know programming you won't make it. The 650 material is useful in reading some of the papers but not essential in dealing with the rest of the course.

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

The course Web-page is described in Handout 1 to follow. If the prefix `http://www.cs.njit.edu` does not work for the URLs in the handouts to follow, then try `http://web.njit.edu`, otherwise there is a serious NJIT computing services problem.

5. COURSE EMAIL?

You are encouraged to contact us by email if you cannot drop by. Use the `alg750@cs.njit.edu` address. The instructor or the assistant will respond. If you receive an email from this account and you want to reply to that email DO NOT USE your mailer's reply button or option. Send a NEW email since the reply address `alg750@oak.njit.edu` DOES NOT EXIST.

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

In order to access the protected area, you must type a login name and a password. There is no Oh! in the login/password, it is a zero! The password and login name are case sensitive.

Login :      alg750                      (cis750 also works)  
Password:                              (only in the hardcopy)

Password: search (only in the hardcopy)

7. HOW DO I PRINT/VIEW HOMEWORKS, HANDOUTS ETC?

All of the required material of the course will be made available in Adobe PDF (Portable Document Format). We might upload Adobe Postscript versions of the handouts but we do not guarantee that. You can view and print a PDF document with Adobe Acrobat (a reader is freely available from `www.adobe.com`). You can view and print Postscript and PDF documents with a program called `Ghostview`. `Ghostview` requires the installation of `Ghostscript`, a zero-cost Postscript interpreter. The site `http://www.cs.wisc.edu/~ghost` is the site you need for the necessary downloads.

8. HOW DO I USE THE AVAILABLE COURSE NOTES?

These notes are summaries of the material we cover in class. THEY DO NOT SUBSTITUTE FOR THE BOOK. DO NOT RELY SOLELY ON THEM. Read the assigned papers, and go through the textbook. *The symbol on the right indicates the end of this document.* ■