

# CISC181-040: 06J: Introduction to Computer Science: C++

Instructor: **Sonny Rajagopalan**, E-mail: [sundaram@udel.edu](mailto:sundaram@udel.edu)  
Office Hours: Friday 15:00–17:00 at Pearson 115B.

---

TA: **Sherol Chen**, E-mail: [schen@cis.udel.edu](mailto:schen@cis.udel.edu)  
Office Hours: TBD, Office: Pearson 115B

---

<http://www.udel.edu/CIS/181/sundaram/06J/>

June 6, 2006

(\*) (\*) Please e-mail the TA unless you have a specific reason not to, and try to send from your udel email address; mail from AOL, Yahoo etc. often gets blocked as spam.

## 1 Catalog description of course

Principles of computer science illustrated and applied through programming in the object oriented language C++. Programming projects illustrate computational problems, styles and issues that arise in computer systems development and in all application areas of computation.

### 1.1 Additional goals

Mastery of basic Unix commands, and shell scripting.

## 2 Prerequisites

Grade of C- or better in CISC105 or equivalent programming experience in a high level language.

## 3 Required Textbooks

1. **Absolute C++**, 2nd Edition, *Walter Savitch*, ISBN: 0-321-33023-4 Addison-Wesley, 2006
2. **Just Enough Unix**, 5th Edition, *Paul K. Andersen*, ISBN: 0-07-295297-0 McGraw-Hill, 2006

## 4 Grading

### 4.1 Grading structure

---

Midterm 1	15%
Midterm 2	15%
Final exam	20%
Projects	30%
Labs/Homeworks	20%

---

Please see the course calendar for the exam schedule. **Exams *must* be taken on the scheduled date, time and venue, unless you have a documented, endorsed (and officialized) reason for doing so otherwise.**

### 4.2 Letter grades

Letter grades will be determined by the following scale, which may be altered (in your favor) at the discretion of the instructor, depending on the final grade distribution.

---

grade $\geq$ 93	A	73 $\leq$ grade < 77	C
90 $\leq$ grade < 93	A-	70 $\leq$ grade < 73	C-
87 $\leq$ grade < 90	B+	67 $\leq$ grade < 70	D+
83 $\leq$ grade < 87	B	63 $\leq$ grade < 67	D
80 $\leq$ grade < 83	B-	60 $\leq$ grade < 63	D-
77 $\leq$ grade < 80	C+	grade < 60	F

---

**Special rule:** Your final grade cannot be more than one letter grade higher than your exam average. This ensures that your final grade reflects your mastery of the basic concepts of the course.

## 5 Attendance

**Attendance, both in classes/labs is required and will be taken.** You are permitted two sick/personal days.

Unexcused absences beyond the above allowed are not permitted will constitute "irregular withdrawal" and may result in a grade of "Z" being assigned for the course (equivalent to a failing grade). Excused university absences (e.g. for intercollegiate athletics, documented by a note from a faculty or staff member) do not count towards your sick days or personal days. Absences for extended serious illness (e.g. that requiring hospitalization) or absences due to family emergency do not count towards your sick days or personal days, but will require documentation from the Dean's office of your college.

## 6 Other course policies

1. Show up for lab.
2. Bring your lab homework to lab.
3. Observe due dates.
4. Respect late penalties.
5. Do honest work.
6. Treat people with respect.

**Reading Assignments** are either posted on the labs, or will be announced in class. You are responsible for getting the information about readings periodically and staying on top of the reading.

**All exams are closed book.**

Follow instructions in assignments regarding submission. **ALL HOMEWORK/LABWORK MUST BE COMPUTER-GENERATED. NO EXCEPTIONS.**

**No makeup for daily homework** except for "official excused absences" as described in Section 5 above.

**Academic Honesty:** You are required to comply with all University policies regarding Academic Honesty and to familiarize yourself with those policies. See <http://www.udel.edu/stuguide/05-06/code.html> for more details. **Suspected violations of academic honesty/ethics policies are prosecuted through the office of Judicial Affairs, and may result in probation, deferred suspension, suspension, or expulsion. We catch people all the time.** Do honest work; to do otherwise will cheapen your own self-image, and it isn't worth the risk.

**ADA Accomodations:** If you have a disability that requires special accommodation, please contact me by email ([sundaram@udel.edu](mailto:sundaram@udel.edu)) within the first week of classes.

**Disclaimer:** Information in the syllabus is subject to change as the instructor sees fit, or as required by Departmental, College, or University policy, provided that reasonable notice is given to the class.

**Invitation:** Please contact me by email or during my office hours if you would like to discuss any aspect of the course; I welcome the opportunity to be of assistance.

**Midterm exams** have been tentatively scheduled for Thursday, 06/22/2006 (Midterm 1) and Tuesday, 07/18/2006 (Midterm 2) during regular class hours.

**Final exams** are usually held on the Saturday after the last day of class (in our case, 08/12/2006) for 10-week Summer courses. Exact date, time and venue has not yet been announced by the University. I'll keep you posted.

**Last date to withdraw** from the course without academic penalty has not yet been announced by the University. I will keep you posted.