# CSG 111 Principles of Programming Languages

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# **Meeting Time:**

Tuesdays, 6:00-9:00 pm, Room to be announced. Map:

www.campusmap.neu.edu.

#### **News:**

#### **Instructor:**

Mitchell Wand

326 WVH, 373-2072, Office Hours: Tuesday 3:00-5:00

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WWW: http://www.ccs.neu.edu/home/wand

#### TA:

Theo Skotiniotis, <a href="mailto:skotthe+csg111@ccs.neu.edu">skotthe+csg111@ccs.neu.edu</a>, 308 WVH. Office hours: TBA

### **Goals and Themes:**

To learn how a variety of programming language features and mechanisms may be understood by specifying them in a very-high-level language such as Scheme. A subsidiary theme will be the use of formal methods for program specification.

## **Prerequisites:**

Data Structures or the equivalent, and some previous knowledge of Lisp or Scheme. You should be able to solve problems like <u>these</u> (Exercises 1.15-1.16 of <u>EOPL</u>).

If you have been assigned Lisp or Scheme as a deficiency course, you should take the <u>Scheme Proficiency Exam</u>, to be offered on Wednesday, January 4, 2006.

Some notes on how to prepare yourself for CSG111 are <u>here</u>.

## **Requirements:**

The final grade is computed as a <u>weighted average</u> of 9 or 10 <u>machine</u> <u>problems</u> (50%), a midterm (25%), and a final exam (25%). I generally do not give plus or minus grades, but I reserve the right to do so.

This course requires a lot of work: budget your time accordingly.

## **Communications**

Bookmark this page as http://www.ccs.neu.edu/course/csg111.

The mailing list for the class is <a href="mailing-csg111@lists.ccs.neu.edu">csg111@lists.ccs.neu.edu</a>. Everyone should subscribe to this mailing list by completing the form at <a href="https://lists.ccs.neu.edu/bin/listinfo/csg111">https://lists.ccs.neu.edu/bin/listinfo/csg111</a>. The list consists of the class members, me, and the TA, and is available for you to communicate with the class. Mail to this list is <a href="mailto:archived">archived</a>. When you write either to me or to the list, it is helpful if you use <a href="mailto:descriptive subject lines">descriptive subject lines</a>.

If you ask me a question privately, I may post my reply to the class mailing list. If I do so, I will usually attempt to anonymize your question, so that you will not be discouraged from asking questions. On the other hand, if you say something clever and interesting, or if you point out an error that the class should be aware of, I will give you credit where credit is due.

During the course of the term, I may post my gradebook publicly so that we can correct any errors. If I do this, I will not post your name. I will post your grades indexed by the last 4 digits of your SSN or NUID (whichever is on the roster the registrar gives me). The list will be sorted numerically, and I will obfuscate the URL so that it will not be cached on Google. If you object to your inclusion in this list, please let me know and I will issue you a private 4-digit ID for this purpose.

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