# CS 135 Labs

## Lab Sections

| Section | Time | Room | Course Assistant | Email |
|---|---|---|---|---|
| **A** | 9-11 | NB 105 | Ed Minnix | eminnix@stevens.edu |
| **B** | 11-1 | NB 102 | Sam Kraus | skraus@stevens.edu |
| **C** | 1-3 | NB 102 | Jared Bass | jbass@stevens.edu |
| **D** | 3-5 | NB 105 | David Sevilla | dsevilla@stevens.edu |
| **E** | 9-11 | NB 102 | Cassidy O'Hearn | cohearn@stevens.edu |
| **F** | 11-1 | P 220 | Ryan Gaunay | rgaunay@stevens.edu |
| **G** | 1-3 | E 329 | Yifan Wang | ywang291@stevens.edu |
| **H** | 3-5 | BC 304 | Jo Ramaswamy | jramaswa@stevens.edu |

## Lab Format

All labs are going to have two parts: a problem solving section and a programming assignment section. Each should take about half of the lab (~45 minutes).

## Collaboration Policy

Collaboration on labs is permitted, but should only be done in-lab. You can discuss the problems/solutions with others, but the work must be your own.

## Grading Policy

Labs will be worth 20% of the final grade of the course.

| Percentage | Criterion |
|---|---|
| 33.3% | Attendance |
| 33.3% | Completion of Programming Assignment |
| 33.3% | Correctness of Programming Assignment |

> **Attendance is mandatory**
> If you do not attend any lab section you will receive a grade of 0 for the entire lab.
> (See late policy for further details)

Labs should be able to be completed in class, but are due at 11:59:59 pm Tuesday night.

> **Labs Must Compile**
> If when you're developing in Dr. Racket, if you see a large red ❌ or 🛑 with an error
> message, this is the sign of a serious issue. If your code does not compile because of
> an unfixed problem that Dr. Racket ignores, your submission will receive a grade of 0
> for the **correctness** section of the lab.
>
> A sample of an error message: 

Since most labs will also contain a review period, attendance is mandatory. If you cannot attend your lab section, email your CA.

If you disagree with why you loose points for correctness on the labs, email Ed Minnix (mailto:eminnix@stevens.edu) or Sam Kraus (mailto:skraus@stevens.edu).

# Late Policy

If you are unable to attend your lab section, contact your CA (a reasonable time in advance, don't email them last minute).

For late submissions, the late penalty policy is as follows:

| Minutes Late | Percentage Lost |
| --- | --- |
| 0-5 | 10% |
| 5-30 | 20% |
| 30-60 | 40% |
| 60+ | 100% |

# Schedule

Labs in CS 135 are meant to correspond to the lectures. (This is currently subject to change).

| # | Date | Topic |
| --- | --- | --- |
| 0 | Jan 23 | Downloading Dr. Racket and introduction |

| # | Date | Topic |
|---|------|-------|
| 1 | Jan 30 | Logic |
| 2 | Feb 6 | Introduction to list processing |
| 3 | Feb 13 | Recursion pt. 1 |
| 4 | Feb 20 | Recursion pt. 2, Set functions |
| 5 | Feb 27 | Tail Recursion |
| 6 | Mar 6 | Tail Recursion pt. 2 |
| - | Mar 13 | No lab, Spring Break |
| 7 | Mar 20 | Number Theory pt. 1 |
| 8 | Mar 27 | Number Theory pt. 2, Chinese Remainder Theorem |
| 9 | Apr 3 | Number Theory pt. 3, Water Jug Problem |
| 10 | Apr 10 | Using map, filter, and reduce |
| 11 | Apr 17 | Relations |
| 12 | Apr 24 | Graph Theory |
| - | May 1 | Final Review |

# Office Hours

Rooms for office hours will be determined in the first few weeks of the semester.

| CA | Time | Location |
|----|------|----------|
| Jared Bass | Thursday 1-3 | **TBD** |
| Ryan Gaunay | Thursday 1-3 | **TBD** |
| Sam Kraus | Friday 1-3 | **TBD** |
| Ed Minnix | Friday 1-3 | **TBD** |
| Cassidy O'Hearn | Wednesday 11-1 | **TBD** |
| Kaitlynn Prescott | Thursday 11-1 | **TBD** |
| Jo Ramaswamy | Wednesday 2-4 | **TBD** |

| CA | Time | Location |
|---|---|---|
| David Sevilla | Thursday 1-3 | **TBD** |
| Yifan Wang | Wednesday 2-4 | **TBD** |