Schedule

A week-by-week breakdown of the material. A more detailed schedule can be found here[1].

Week 1 (01/11-01/15)

Mon Introduction to Haskell and Fuctional Programming[2] (1.1-1.5)

Wed Working with the GHC compiler and interpreter. Lists.[3] (2.1-2.5)

Fri Standard Haskell values and types. Curried Functions.[4] (3.1-3.6)

Week 2 (01/18-01/22)

Mon Polymorphic Types, Type classes. (3.7-3.9)

Wed Conditionals. Guarded Expressions. (4.1-4.3)

Fri Pattern Matching. (4.4)

Week 3 (01/25-01/29)

Mon Anonymous Functions. Sections. (4.5-4.6)

Wed List comprehensions. (5.1-5.3)

Fri More list comprehensions. (5.4-5.5)

Week 4 (02/01-02/05)

Mon Numerical recursion. List recursion. (6.1-6.2)

Wed Multiple argument recursion. Mutual recursion. (6.3-6.5)

Fri Recursion practice. (6.6)

[1] detailedSchedule.html
[2] notes/intro.html
[3] notes/lists.html
[4] notes/standard.html

Week 5 (02/08-02/12)

Mon Higher-order functions. Processing Lists. (7.1-7.2)

Wed Folding. (7.3-7.4)

Fri Function composition. Examples. (7.5, 7.7)

Week 6 (02/15-02/19)

Mon Practice with Higher-order functions.

Wed Type Aliases and Custom Types. (8.1-8.3)

Fri Recursive Types. (8.4)

Week 7 (02/22-02/26)

Mon Type-directed programming. Modules.

Wed Information hiding and abstraction with modules.

Fri Custom type classes. (8.5)

Week 8 (02/29-03/04)

BREAK

Week 9 (03/07-03/11)

Mon TBD

Wed TBD

Fri TBD

Week 10 (03/14-03/18)

Mon TBD

Wed TBD

Fri TBD

Week 11 (03/21-03/25)

Mon TBD

Wed TBD

Fri TBD

Week 12 (03/28-04/01)

Mon TBD

Wed TBD

Fri TBD

Week 13 (04/04-04/08)

Mon TBD

Wed TBD

Fri TBD

Week 14 (04/11-04/15)

Mon TBD

Wed TBD

Fri TBD