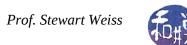# Syllabus and Readings

We will cover approximately one chapter per class period from the *SAMS Teach Yourself UNIX* book for the first six weeks. During that time, you should read each new chapter *in advance of the lecture*. There will be some exceptions to this rule. In Lesson 6, for example, I introduce binary numbers and  the lesson will take more than one class. We will cover the first ten chapters (hours) of the *SAMS* book before starting Perl. I will include some topics from later chapters, but not to a great extent, and I will give you warning when I do. When we start Perl programming, we will proceed  in the order in which the topics are presented in the Perl textbook, with a few exceptions.

| Date | Chapter | Major Topic | Slide Set |
|------|---------|-------------|-----------|
| *The following chapters  are from  the SAMS  book, unless noted otherwise* | | | |
| 08/27 | Chapter 1 | UNIX Overview | Lesson 1 |
| 08/31 | Chapter 2 | Getting Started in UNIX | Lesson 2 |
| 09/03 | Chapter 3 | UNIX File System | Lesson 3 |
| 09/07 | Chapter 4 | Viewing File Properties | Lesson 4 |
| 09/14 | Chapter 10 | Editing Files | Lesson 5 |
| 09/21 | Chapter 5 | Shell Scripts and More | Lesson 6 |
| 09/28 | Prof. Weiss's notes | Binary Numbers | Lesson 6 |
| 10/01 | Chapter 6 | Directory Manipulation | Lesson 7 |
| 10/05 | Chapter 7 | Viewing File Contents | Lesson 8 |
| 10/08 | Chapter 8 | Filters | Lesson 9 |
| 10/12 | Chapter 9 | Pattern Matching | Lesson 10 |
| *The following chapters  are from  the Perl book* | | | |
| 10/15 | Chapter 1 | Programming Concepts | Lesson 11 |
| 10/19 | Chapter 2 | Perl Basics | Lesson 12 |
| 10/22 | Chapter 2 | Perl Basics | Lesson 12 |
| 10/26 | Chapter 3 | An Example Perl Project | Lesson 13 |
| 10/29 | Chapter 3 | An Example Perl Project | Lesson 13 |
| 11/02 | Chapter 4 | Perl Data Types and Variables | Lesson 14 |
| 11/05 | Chapter 4 | Perl Data Types and Variables | Lesson 14 |
| 11/09 | Chapter 5 | Control Structures in Perl | Lesson 15 |
| 11/12 | Chapter 5 | Control Structures in Perl | Lesson 15 |
| 11/16 | Chapter 9 | Documenting Programs with POD | Lesson 16 |

| Date | Chapter | Major Topic | Slide Set |
|------|---------|-------------|-----------|
| 11/19 | Chapter 6 | I/O, Text Processing, Patterns | Lesson 17 |
| 11/23 | Chapter 6 | I/O, Text Processing, Patterns | Lesson 17 |
| 11/30 | Chapter 7 | Functions and Scope | Lesson 18 |
| 11/24 | Chapter 7 | Functions and Scope | Lesson 18 |
| 12/03 | Chapters 14 & 16 | Using and Creating Modules | Lesson 19 |
| 12/07 | Chapter 8 | References and Aggregate Structures | Lesson 20 |
| 12/10 | Chapter 8 | References and Aggregate Structures | Lesson 20 |