

CS306 – Perl Programming
Spring 2009
Instructor: Fran Fabrizio, fran@cis.uab.edu
Grading Assistant: Vetrica Byrd, byrdv@cis.uab.edu

Class Meetings

- Monday/Wednesday, 4:00 –5:15pm, CH430

Office Hours

- Fran: By Appointment. Email is best first option. Office is CH119B, but I am not usually available for drop-in visits. Try only if desperate and you've emailed first. :-)
- Vetrica: For grading questions only, email Vetrica at byrdv@cis.uab.edu

Textbooks

Learning Perl by Schwartz, Phoenix and Foy. 5th Edition. O'Reilly, 2008. ISBN 978-0-596-52010-6

Intermediate Perl by Schwartz, Foy and Phoenix. 2nd Edition. O'Reilly, 2006. ISBN 0-596-10206-2

Class Requirements

This class is graded based on homeworks, exams and in-class exercises. The weights of each of these is as follows:

- Homework is 50% of your grade. Not all homework assignments are worth the same amount of points. Homework assignments later in the semester require more effort and are worth more points.
- Exams are 40% of your grade (each midterm is 10% and the final is 20%)
- In-class presentations and lab exercises are 10% of your grade

Exams can only be rescheduled with **prior** permission of the instructor and with a valid excuse. Lab exercises are not made up if missed. Presentations are scheduled well in advance.

Homework

The due date and time and submission instructions will be indicated on the assignment. Perl is available for many platforms, but the homework will be graded using Perl 5.8 in the Linux environment. Perl is provided for you on the Linux vulcan machines. It is strongly suggested that you use these to complete your homework. Remote access to the vulcans is available; you do not need to be present in the lab to work on the vulcans.

Late Penalties

Late homework will not be accepted.

Academic Honesty

All work is to be accomplished 100% individually. Violators will receive a 0 on the assignment and be subject to academic honesty investigation. Second offenses will receive an F in the class as well. Copying code from the Internet or having others to do your work is never acceptable. Allowing others to use your work is also an academic offense.

BlazerID Email

You are required to have a working BlazerID @uab.edu email address. Please check this at least once daily for important announcements.

Computer Usage and Cell Phone Prohibition

All use of computers in the classroom must be only for purposes related to the class. Do not use the computers to check email, access the Internet, or any other purpose not related to the class. Please remember to silence all cell phones.

Class Schedule –Spring 2009

With the exception of the final exam, all information on this table is subject to change.

LP = Learning Perl

IP = Intermediate Perl

<i>Date</i>	<i>Topics</i>	<i>Readings</i>	<i>Homework</i>
Wednesday, 1/7	Course Introduction	LP –Ch 1	HW0 Out
Monday, 1/12	Scalar Data	LP –Ch 2	
Wednesday, 1/14	Lists and Arrays	LP –Ch 3	HW1 Out
Monday, 1/19	MLK HOLIDAY		
Wednesday, 1/21	Subroutines	LP –Ch 4	
Monday, 1/26	Performing I/O to STDIN/STDIO and Files Hashes	LP –Ch 5 LP –Ch 6	HW1 Due
Wednesday, 1/28	Regular Expressions	LP –Ch 7 LP –Ch 8	HW2 Out
Monday, 2/2	Regular Expressions	LP –Ch 8 LP –Ch 9	

Wednesday, 2/4	Lab Day		HW2 Due HW3 Out
Monday, 2/9	File Tests Directory Operations	LP –Ch 12-13	
Wednesday, 2/11	Strings and Sorting Advanced Techniques	LP –Ch 14 LP –Ch 17	
Monday, 2/16	Midterm Review		HW3 Due
Wednesday, 2/18	MIDTERM EXAM		
Monday, 2/23	Midterm Answer Set HW3 Answer Set Intro to References (if time permits)		
Wednesday, 2/25	NO CLASS TODAY		
Monday, 3/2	References and Scoping	IP –Ch 4/5	
Wednesday, 3/4	References and Complex Data	IP –Ch 6	HW4 Out
Monday, 3/9	SPRING BREAK		
Wednesday, 3/11	SPRING BREAK		
Monday, 3/16	Reference Proficiency	IP –Ch 7-9	
Wednesday, 3/18	References Lab		
Monday, 3/23	References Lab		HW4 Due
Wednesday, 3/25	Using Modules and CPAN	BP –Ch 11 IP –Ch 3	
Monday, 3/30	Midterm Review		
Wednesday, 4/1	MIDTERM EXAM		
Monday, 4/6	Midterm Review		
Wednesday, 4/8	OO Perl	IP –Ch 11/12	
Monday, 4/13	OO Perl	IP –Ch 12/13	
Wednesday, 4/15	OO Lab		HW5 Out Bonus HW Out
Monday, 4/20	Special Topics Presentations		
Wednesday, 4/22	Special Topics Presentations		
Monday, 4/27	Final Exam Review		HW5 Due
Wednesday, 4/29	NO CLASS		
Monday, 5/4	FINAL EXAM 4:15 –6:45PM		Bonus HW Due