

General Information

- Instructor** Matt Bishop; *office*: 3059 Kemper Hall; *phone*: 752-8060
Email: bishop@cs.ucdavis.edu; *web*: <http://seclab.cs.ucdavis.edu/~bishop>
Office hours: Tu 12:00 noon–1:00PM, F 9:30–10:30AM, by appointment or by chance
- Teaching Assistant** Lerone Banks, *location to be determined*
Email: ldbanks@ucdavis.edu
Office hours: *to be determined*
- Lectures** TuTh 1:40–3:30PM in 1062 Banier
- Discussion Sections** Section 001: F8:00AM–8:50AM in 176 Chemistry
Section 002: F3:10PM–4:00PM in 107 Cruess
- Course Outline** Introduce principles, mechanisms, and implementations of computer security; learn how attacks work, how to defend against them, and how to design systems to withstand them
- Course Goals** Some goals we hope you achieve:
1. learn about security in the UNIX system and programming environments;
 2. learn how to attack a system, and to defend it by analyzing the system for vulnerabilities and ameliorating those problems;
 3. understand the strengths, and weaknesses of cryptography as a tool of security;
 4. learn how access to systems, resources, and data can be controlled;
 5. learn the basics of writing security-related programs;
 6. learn about security in networks.
- Prerequisites** The prerequisite for this course is ECS 150, Operating Systems. Students who have not taken, or are not taking, this course are at a serious disadvantage in this class and will be dropped to make room for those who have had the prerequisites.
- Text** M. Bishop, *Computer Security: Art and Science*, Addison-Wesley, Boston, MA. ©2003. ISBN 0-201-44099-7
- Computers** All registered students have been given an account on the computer science instructional machines in the basement. *If you have not done so already, please change your password from the default as soon as you can. If it is not changed within a week, your account will be disabled and you will have to see a system programmer to have it reset.*
- Class Web Site** The class web site is on MyUCDavis. To access it, go to <http://my.ucdavis.edu> and log in using your campus-wide login and password. Then go to ECS 153 in your schedule. Handouts and other documents will be posted there. We will also post announcements there, too.
If you do not have access to MyUCDavis, you can go to the alternate web site at <http://nob.cs.ucdavis.edu/classes/ecs153-2005-02>. You can download the handouts from that site, but you cannot look at your grades there.
- Class Newsgroup** Information about this class, homework assignments, and so forth, will be posted to the newsgroup *ucd.class.ecs153*. Read this newsgroup daily! We'll use it to put out important information. Please do not post to this newsgroup. If you want to post things about the class, please use the appropriate discussion newsgroup (*ucd.class.ecs153.d*). Discussing something in that newsgroup is perfectly fair.
- Homework** All work is due at 11:55PM on the date stated on the homework, unless otherwise stated. See the handout **All About Homework** for more information.

