Welcome / What we will cover
• Coming to class is important / start at basics, but college-paced / credit by examination option
• getting in touch with me
• Question: show of hands: internet access at home
• Review Course Information  www.cabrillo.cc.ca.us/~shodges  steveh.net (we’ll learn about web next time)
• Review schedule, lecture notes, student information sheet

Typical CS1 Lab Section
1. Announcements
2. Highlights or theory of today’s topic (if necessary)
3. Demonstration / follow-along OR watch and takes notes NOT get lost in your screen
4. In-class lab time/ begin homework

1. Turning on the computer / log in (why and how) / generic password / “lookup” in browser / or in CTC /
memorize or write down information

Input and Output (Peripherals) (A computer is only useful if it can communicate)
2. The keyboard “Has anyone ever seen a typewriter”
   Basic QWERTY keys (history: 1872 Type-Writer Cristopher Sholes 52nd person, designed to slow you
down, key arms, write typewriter on top row, BAD – better DVORAK 1920’s vowels/common letters
/reduce hurdles WW2 navy/commerce dept etc., 30 years ago – chording keyboards – one handed typing!)
   Modifier keys:  Shift, control Alt  Arrow keys  Insert, Delete, home, end, Page up/Down

3. The Mouse Pointer (history: Douglas Engelbart & team at Stanford Research Institute in the early 1960’s –
originally called an “x-y position indicator” – one team member nicknamed the device a “mouse”
Moving the pointer, Click = select (left mouse is the default), Right Click = (contextual menu)
Control-Click add/remove (select multiple)
Drag (AKA Click-and-Drag)  Double Click (open/activate)  (keyboard) click

3. Windows
   (Demonstrate with My Computer)  “The Active Window” Title – title bar
   X to close  Move (click and drag in title bar)
   Resize (click and drag in lower right corner)
   Maximum / Restore/ Minimum buttons
   (Demonstrate with Control Panel)
   Scroll bars – magnifying glass analogy
   Practice

4. Menus
   Menu Names (special: The Start Menu / Start Button)
   Selecting Items, Submenus

5. Dialog Boxes
   Answer a question that the computer has – more information – make choices and click ok (continue now that
I’ve made my decision) or cancel (forget it, I’ve changed my mind)

Recommended In-Class Exercise: Arranging two windows horizontally and vertically

Recommended Homework: Information Sheet (If you’ve never printed before, come by my office during office
hours or by the lab during my lab hours and I’ll give you one on paper.)