Operating Systems I

· Class web site: http://www.cs.co/umbra.edu/~nich/teading/w4118 most into from today's class is there.

• Linux hernel Development book - out of date, but it's the best we have.

· Class will use a Virtual Madure - a VM will be provided. Kerommended to use VMWare-available for-free w/ a cs account.

• In the class we will be bucking on Android Linux version: will be used around HW3 onwards. Should have a shone.

• HW - first one individual, subsequent in groups of 3...
(50% of grade, 6 HWs, lowest sure dropped and only 5 best ones used)

• Exams - Midterna (end of October) } closed God, avmillatore, com
Fra 30% (at frails time) } use a calculator.

· Homeworles: Due by date/time specified on assignment, all weighted equally.

Submitted w/ GIT at gittub. com /sign up for an account).

Learn to usegit! - learn how to submit the properly! Only latest of multiple Also, make sure you commit and push! submissions accepted as foral.

Solutions will be posted after every HW assignment. Write test cases and test code! Some test cases will be provided but more will be used for grading. Test for memory leales, boundary cases, Bad data. Robustness will be included in the grade! Doing the we fant of the assignment really well is better that trying to cover a bunch of though w/ flakey code.

· Provide estations for anything used that abors not come from: For ex., list references for web rage searches used, etc. or if you discuss w others. If you copy (cut/raste) structury from the web bat attribute it, then you may not get credit but it will not be considered plagranism.

Systems: Linux, Una, Windows, i OS, Free BSD, Colonis, Android, MacOS, chrome OS, Ubuhtn, Delican. Symbom, Redhat, Archos, Centos, Kali, DOS, Tryos,

What constitutes an operating System?

Virtualities Moundware 2 perovides API to software 2 definitions

Monages handware veson roes (RAM, CPU)

From class

Monages files & directories

· Functionality that countr as DS; What countr as part of OS: Ex. Safari, is it part of Os? Not, But it comes w/ Macos... Similar to Internet Explorer in Windows question. Ms claimed it was part of the Os, government disagreed.