

# Calculator Usage for EE351 and EE431/531 Tests

The instructor will use this sheet to verify calculators during exams so please print clearly the following information. A copy of this form is on the website:

Student name: \_\_\_\_\_

Complete make and model number of primary calculator: \_\_\_\_\_

*Examples: Casio fx-115 ES Plus, TI-30X II, HP-35S*

Complete make and model number of secondary calculator: \_\_\_\_\_

*Note: only one calculator can be used on a test. Possible additional calculators need to be listed for advance approval in the event that the primary calculator is not functioning at the start of the test.*

## Information

For courses EE351, EE431/EE531 the needed calculations on tests are basic arithmetic, logarithmic/exponential, square root, trigonometric, hyperbolic trigonometric (EE431/531 only) and possibly some similar type functions. There is no need for advanced calculators with large memories, equation solving abilities, the ability to store/capture images, or to communicate. Such advanced calculators enable cheating.

Therefore, the only calculators allowed for use on tests are those approved by NCEES for taking professional exams – see <http://ncees.org/exams/calculator-policy/>. Typical calculators are the Cassio fx-115 series, the TI 30 and TI 36 series, and the HP33S and HP35S. Other calculators that meet the basic requirements will generally be approved by Prof. Kuhn but you must obtain approval in advance of the test – i.e., specify it above.

Appropriate exceptions to this policy will be made for students registered with DSS that have some impairment that makes it impractical for them to use standard calculators. These students need to meet with the instructor as soon as possible to discuss specific needs so that the instructor and DSS can reach an agreement as to what sort of device is appropriate.

**Just to be clear, calculator emulators on cell phones and various palm type or wrist/other devices are not acceptable.** Only the specific and unmodified calculators accepted for professional exams or approved by the instructor can be used.

**The student is not allowed to have any access to any device or information other than one unmodified approved calculator and the test booklet provided by the instructor. All students are watched during the test and the discovery of any unauthorized device or information access will result in an automatic and non-appealable grade of zero for the test.**

## Calculator emergencies

It seems that there is always a student in any class that has a last minute “emergency” with a calculator just prior to a test. Yes, it is possible that the “emergency” is real – things do happen – but various schemes often start with an “emergency” – your instructor is not naive. No un-approvable calculator can be substituted period so don’t plan on that. If the calculator is approvable then see your instructor and last moment approval is likely. The student should have an approved calculator as backup. However, if your calculator is non-functional and you have no alternative then see your instructor to determine how the situation will be handled. Under no circumstance will you be allowed to use an unapproved device.